



300 E. Mineral Ave., Suite 10  
Littleton, CO 80122-2631  
303/781-8211 303/781-1167 Fax

May 31, 2005

Fluid Minerals Group  
Bureau of Land Management  
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.  
LCU 2-10H, 689' FNL, 1,951' FEL, NW/4 NE/4,  
Section 10, T11S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the *Application for Permit to Drill (APD)* for the above referenced well. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

A handwritten signature in cursive script that reads "Don Hamilton".  
Don Hamilton  
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining  
Carla Christian, Dominion  
Marty Buys, Buys & Associates, Inc.

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JUN 03 2005

DIV. OF OIL, GAS & MINING

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-44089</b>	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>	
2. NAME OF OPERATOR <b>Dominion Exploration &amp; Production, Inc.</b>				7. UNIT AGREEMENT NAME <b>Little Canyon Unit</b>	
3. ADDRESS AND TELEPHONE NO. <b>14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263</b>				8. FARM OR LEASE NAME, WELL NO. <b>LCU 2-10H</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At surface <b>689' FNL &amp; 1,951' FEL NW/4 NE/4</b> At proposed prod. zone <b>689' FNL &amp; 1,951' FEL NW/4 NE/4</b>				9. API WELL NO. <b>43-047-36774</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>14.39 miles south of Ouray, Utah</b>				10. FIELD AND POOL, OR WILDCAT <b>Natural Buttes Hill Creek</b>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) <b>689'</b>		16. NO. OF ACRES IN LEASE <b>640</b>		11. SEC., T., R., M., OR BLK. <b>Section 10, T11S, R20E, SLB&amp;M</b>	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>3,300'</b>		19. PROPOSED DEPTH <b>8,600'</b>		12. COUNTY OR PARISH <b>Utah</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5,092' GR</b>				13. STATE <b>Utah</b>	
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40 acres</b>				20. ROTARY OR CABLE TOOLS <b>Rotary</b>	
22. APPROX. DATE WORK WILL START* <b>September 15, 2005</b>					
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
12-1/4"	8-5/8" J-55 ST&C	32#	2,000'	252 sks Lead, 219 sks, tail, 100 sks top out—see attached Drilling Plan	
7-7/8"	5-1/2" Mav 80 LT&C	17#	8,600'	160 sks Lead, 435 sks Tail—see attached Drilling Plan	

Bond Information:

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330

Other Information:

Drilling Plan and Surface Use Plan are attached.  
Dominion requests that this complete application for permit to drill be held confidential.

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Federal Approval of this  
Action is Necessary

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24.

SIGNED Don Hamilton Don Hamilton TITLE Agent for Dominion

DATE May 31, 2005

(This space for Federal or State office use)

PERMIT NO. 43-047-36774 APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL IF ANY:

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL ENVIRONMENTAL SCIENTIST-III

DATE 06-14-05

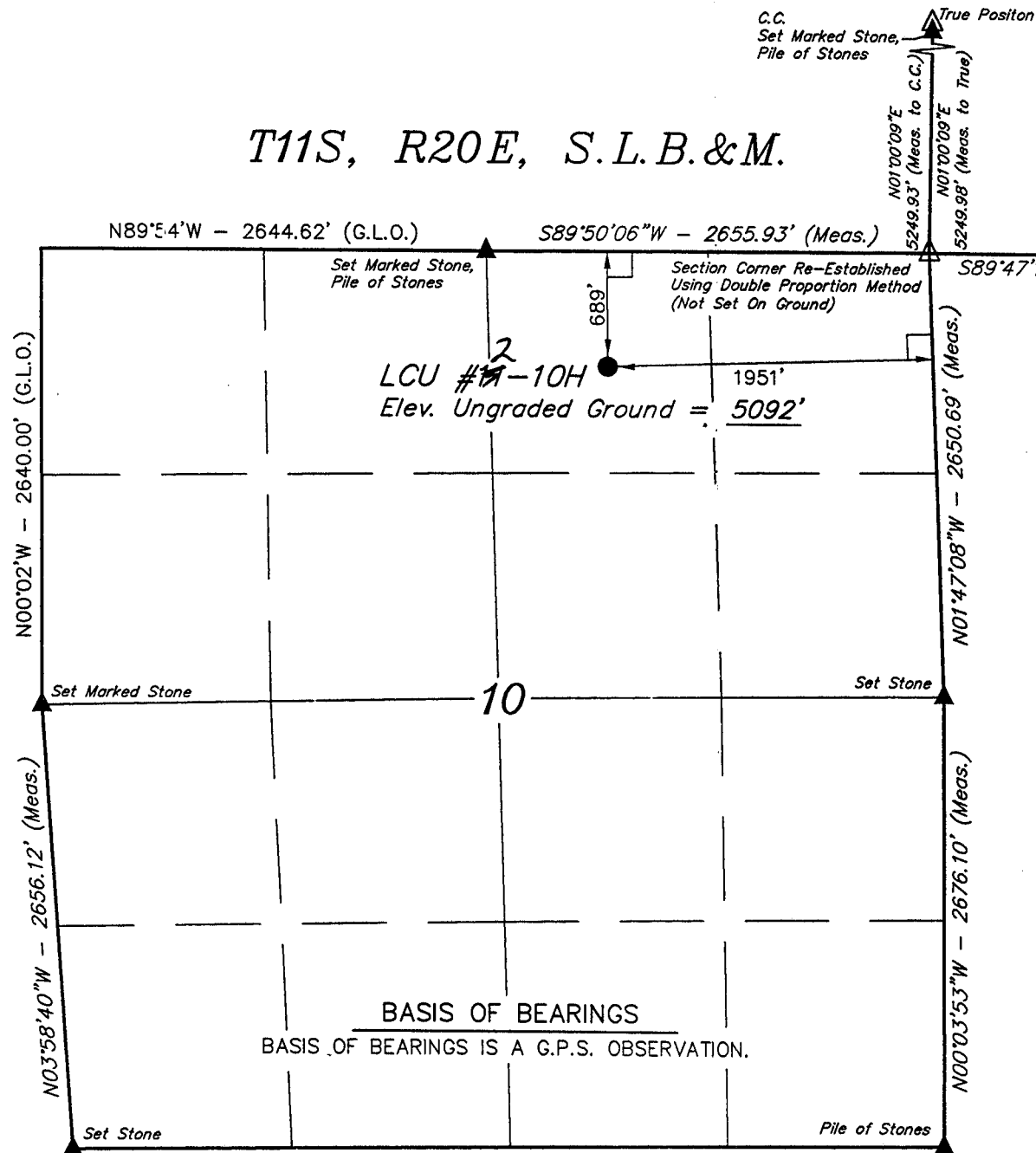
\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the

T11S, R20E, S.L.B.&M.

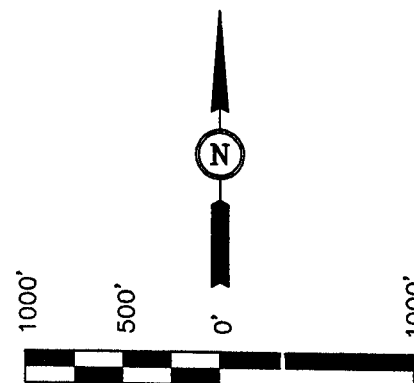
DOMINION EXPLR. & PROD., INC.

Well location, LCU #2-10H, located as shown in the NW 1/4 NE 1/4 of Section 10, T11S, R20E, S.L.B.&M. Uintah County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW, QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGIC SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



SCALE  
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS LOCATED. (Not Set On Ground)

LATITUDE = 39°52'49.16" (39.880322)  
LONGITUDE = 109°39'46.96" (109.663044)  
(NAD 27)  
LATITUDE = 39°52'49.29" (39.880358)  
LONGITUDE = 109°39'44.47" (109.662353)

SCALE 1" = 1000'	DATE SURVEYED: 4-14-05	DATE DRAWN: 04-20-05
PARTY B.B. J.M. L.K.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE DOMINION EXPLR. & PROD., INC.	

## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** LCU 2-10H  
689' FNL & 1951' FEL  
Section 10-11S-20E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,225'
Green River Tongue	3,555'
Wasatch	3,695'
Chapita Wells	4,570'
Uteland Buttes	5,635'
Mesaverde	6,410'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,225'	Oil
Green River Tongue	3,555'	Oil
Wasatch	3,695'	Gas
Chapita Wells	4,570'	Gas
Uteland Buttes	5,635'	Gas
Mesaverde	6,410'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	8-5/8"	32.0 ppf	J-55	STC	0'	2,000'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,600'	7-7/8"

Note: The drilled depth of the surface hole and the setting depth of the surface casing may vary from 1,700' to 2,000'. Should a lost circulation zone be encountered while drilling, casing will be set approximately 300' below the lost circulation zone. If no lost circulation zone is encountered, casing to be set at 2,000'±.

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized. Air foam mist, rotating head and diverter system will be utilized.

Production hole: Prior to drilling out the surface casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 2,000'	8.4	Air foam mist, rotating head and diverter
2,000' - 8,600	8.6	Fresh water/2% KCL/KCL mud system

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### 9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to surface casing.
- The gamma ray will be left on to record from total depth to surface casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to surface casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H<sub>2</sub>S gas.

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit = 43-10447 Section 9, Township 8 South, Range 20 East

#### 12. CEMENT SYSTEMS

##### a. Surface Cement:

- Drill 12-1/4" hole to 2,000'±, run and cement 8-5/8" to surface (depth to vary based on depth of lost circulation zone).
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement the casing annulus to surface. Top out jobs to be performed if needed. Depending to depth of top of cement in the annulus, a 1" tubing string may or may not be utilized.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	252	0'-1,500'	11.0 ppg	3.82 CFS	619 CF	835 CF	35%
Tail	219	1,500'-2,000'	15.6 ppg	1.18 CFS	220 CF	297 CF	35%
Top Out	100	0'-200'	15.6 ppg	1.18 CFS	95 CF	118 CF	24% (if required)

Lead Mix: Premium Plus V blend. Blend includes Class "G" cement, gel, salt, gilsonite.  
Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.  
Water requirement: 22.95 gal/sack

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
Slurry yield: 1.18 cf/sack Slurry weight: 15.60 #/gal.  
Water requirement: 5.2 gal/sack

Top Out: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
Slurry yield: 1.18 cf/sack Slurry weight: 15.60 #/gal.  
Water requirement: 5.2 gal/sack

##### c. Production Casing Cement:

- Drill 7-7/8" hole to 8,600'±, run and cement 5 1/2".
- Cement interface is at 4,000', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	160	3,700'-4,700'	11.5 ppg	3.12 CFS	175 CF	350 CF	100%
Tail	435	4,700'-8,600'	13.0 ppg	1.75 CFS	473 CF	946 CF	100%

Note: A caliper log will be ran to determine cement volume requirements.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.  
Water requirement: 17.71 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.  
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.  
Water requirement: 9.09 gal/sack  
Compressives @ 165°F: 905 psi after 24 hours

#### 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: September 15, 2005  
Duration: 14 Days

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## SURFACE USE PLAN

### CONDITIONS OF APPROVAL

#### *Attachment for Permit to Drill*

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** LCU 2-10H  
689' FNL & 1951' FEL  
Section 10-11S-20E  
Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The federal onsite inspection for the referenced well was conducted on Thursday, May 19, 2005 at approximately 2:40 pm. In attendance at the onsite inspection were the following individuals:

Ken Secrest	Foreman	Dominion E & P, Inc.
Robert Kay	Engineer	Uintah Engineering and Land Surveying
Stan Olmstead	Nat. Res. Prot. Spec.	Bureau of Land Management – Vernal
Karl Wright	Nat. Res. Prot. Spec.	Bureau of Land Management – Vernal
Amy Torres	Biologist	Bureau of Land Management – Vernal
Randy Jackson	Foreman	Jackson Construction
Don Hamilton	Permitting Agent	Buys & Associates, Inc.

1. Existing Roads:

- a. The proposed well site is located approximately 14.39 miles south of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Little Canyon Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located within the existing Little Canyon Unit boundary.

2. Planned Access Roads:

- a. From the existing access road presently between the L.F. 1-3 and 1-10H an access is proposed trending east approximately 320' to the proposed well site.
- b. The access consists of entirely new disturbance and crosses 2 significant drainages. The western most drainage against the existing north-south access will receive a 24" culvert / low water crossing combination drainage structure. The eastern most drainage will consist of a low-water crossing constructed by over-excavated 6" from the drainage crossing, installing fabric and refilling the excavated area with larger river rock type aggregate. A road design plan is not anticipated at this time.
- c. The existing road between the two wells may need minor upgrades to accommodate the increase in construction drilling and production related traffic and approval to upgrade is being requested with the application.
- d. The proposed access road will consist of a 14' travel surface within a 30' disturbed area.
- e. BLM approval to construct and utilize the proposed access road is requested with this application.
- f. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.
- g. No turnouts are proposed since the access road is only 320' long and adequate site distance exists in all directions.
- h. No surfacing material will come from federal or Indian lands.
- i. No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel will be limited to the approved location access road.
- k. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- l. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Following is a list of existing wells within a one mile radius of the proposed well:

i. Water wells	None
ii. Injection wells	None
iii. Disposal wells	None
iv. Drilling wells	None
v. Temp. shut-in wells	1
vi. Producing wells	None
vii. Abandon wells	1

- b. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.



4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the south side of the well site and traverse 369' west to the existing 3" pipeline corridor that traverses between the L. F. 1-3 and 1-10H proposed for upgrade to 4".
- i. The new gas pipeline will be a 4" steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 369' is associated with this well.
- j. With this application Dominion requests permission to upgrade the federal portion of the existing 3" surface pipeline to a 4" surface pipeline across Federal surface between the L.F. 1-3 to accommodate additional transportation needs.
- k. When the 3" pipeline is upgraded to 4" it will be moved out of the drainage and back adjacent to the access road to avoid disturbance to the drainage during upgrade and utilization.
- l. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the east side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.

- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. **Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.**
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the south.
- c. The pad and road designs are consistent with BLM and Tribal specification
- d. A pre-construction meeting with responsible company representative, contractors, and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled

for reclamation in such a way as to prevent soil loss and contamination.

- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On Ute Tribal and BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report will be submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.

- b. No drainage crossings that require additional State or Federal approval are being crossed.
- c. The access crosses 2 significant drainages. The western most drainage against the existing north-south access will receive a 24" culvert / low water crossing combination drainage structure. The eastern most drainage will consist of a low-water crossing constructed by over-excavated 6" from the drainage crossing, installing fabric and refilling the excavated area with larger river rock type aggregate. A road design plan is not anticipated at this time.
- d. When the 3" pipeline is upgraded to 4" it will be moved out of the drainage and back adjacent to the access road to avoid disturbance to the drainage during upgrade and utilization.

13. Operator's Representative and Certification

Title	Name	Office Phone
Company Representative (Roosevelt)	Mitchiel Hall	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 5-31-05

DOMINION EXPLR. & PROD., INC.

LCU #2-10H

SECTION 10, T11S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 4.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.45 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN WESTELRY DIRECTION APPROXIMATELY 1.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 320' TO THE PROPOSED LOCATION.

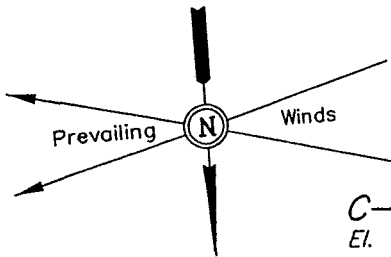
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 49.35 MILES.

# DOMINION EXPLR. & PROD., INC.

## LOCATION LAYOUT FOR

LCU #2-10H  
SECTION 10, T11S, R20E, S.L.B.&M.  
689' FNL 1951' FEL

Proposed Access Road



SCALE: 1" = 50'  
DATE: 04-21-05  
Drawn By: L.K.

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

Approx. Top of Cut Slope



Reserve Pit Backfill & Spoils Stockpile

Total Pit Capacity  
W/2' of Freeboard  
= 10,800 Bbls. ±  
Total Pit Volume  
= 2,960 Cu. Yds.

C-25.6'  
El. 105.0'  
(btm. pit)

C-13.1'  
El. 104.5'

C-4.8'  
El. 96.2'

Topsoil Stockpile

C-2.0'  
El. 93.4'

Sta. 3+55

DATA

175'

CATWALK

PIPE RACKS

C-1.0'  
El. 92.4'

RIG

DOG HOUSE

Sta. 1+80

F-1.1'  
El. 90.3'

El. 103.8'  
C-24.4'  
(btm. pit)

20' WIDE BENCH

El. 100.3'  
C-8.9'

30'

35'

El. 96.1'  
C-4.7'

WATER

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

TRASH

C-4.7'  
El. 96.1'

4

20' WIDE BENCH

C-1.5'  
El. 92.9'

Topsoil

F-5.5'  
El. 85.9'

STORAGE TANK

TOILET

TRAILER

Approx. Toe of Fill Slope

Sta. 0+50

Sta. 0+00

Elev. Ungraded Ground at Location Stake = 5092.4'  
Elev. Graded Ground at Location Stake = 5091.4'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# DOMINION EXPLR. & PROD., INC.

## TYPICAL CROSS SECTIONS FOR

LCU #2-10H

SECTION 10, T11S, R20E, S.L.B.&M.

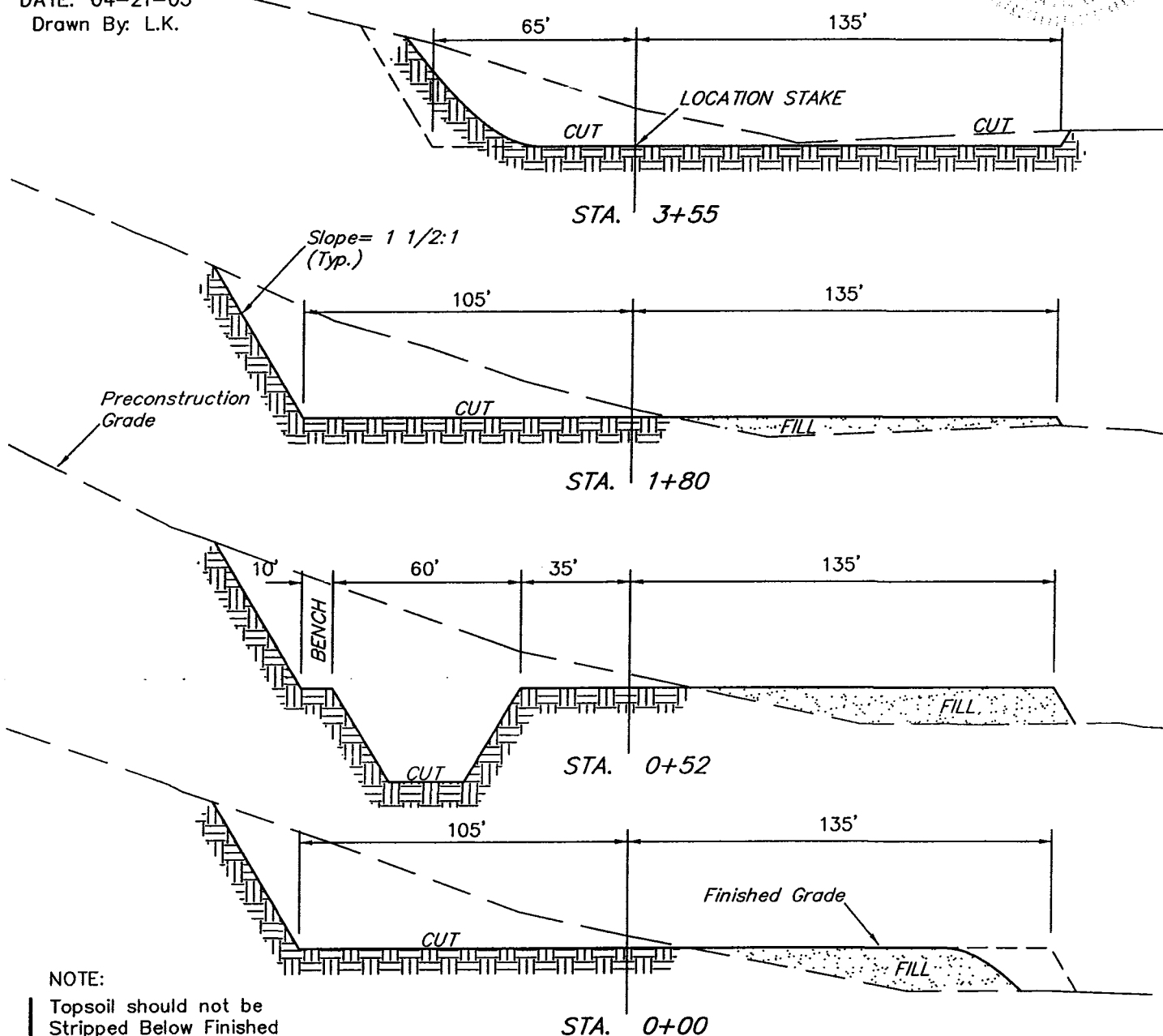
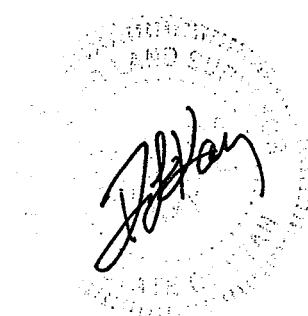
689' FNL 1951' FEL

1" = 20'  
X-Section  
Scale  
1" = 50'

SCALE: 1" = 50'

DATE: 04-21-05

Drawn By: L.K.



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### APPROXIMATE YARDAGES

#### CUT

(6") Topsoil Stripping = 1,850 Cu. Yds.

Remaining Location = 14,580 Cu. Yds.

TOTAL CUT = 16,430 CU.YDS.

FILL = 3,720 CU.YDS.

### \* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 12,710 Cu. Yds.

Topsoil & Pit Backfill = 3,330 Cu. Yds.  
(1/2 Pit Vol.)

EXCESS UNBALANCE = 9,380 Cu. Yds.  
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



# DOMINION EXPLR. & PROD., INC.

LCU #2-10H

LOCATED IN UINTAH COUNTY, UTAH

SECTION 10, T11S, R20E, S.L.B.&M.

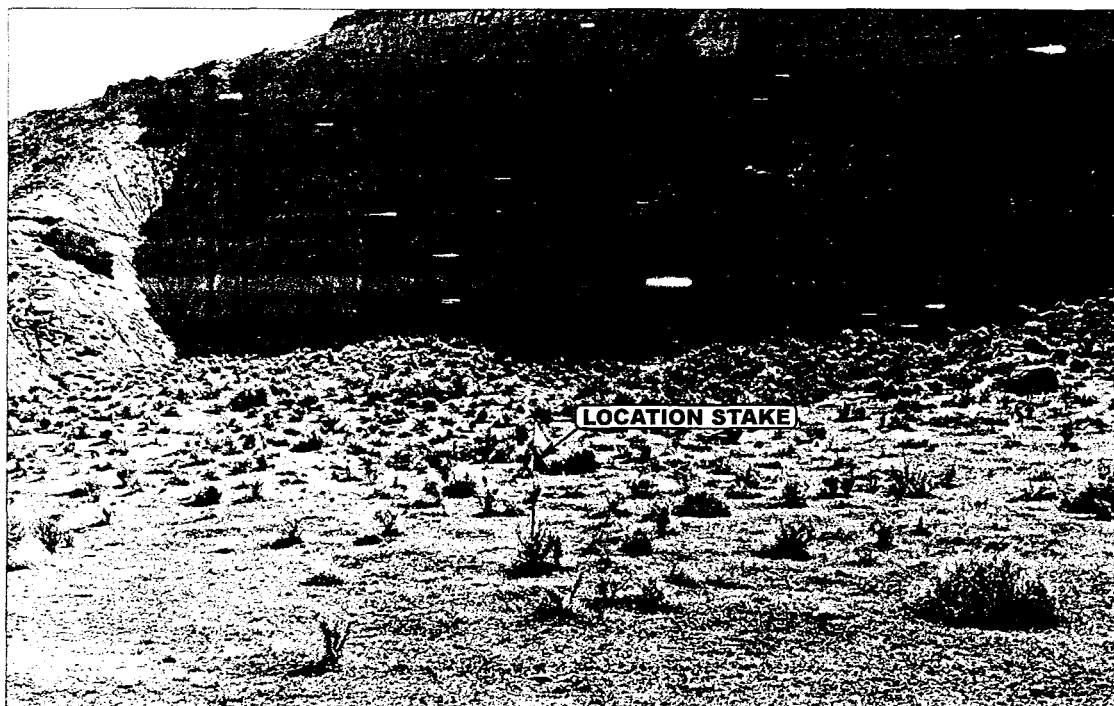


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY

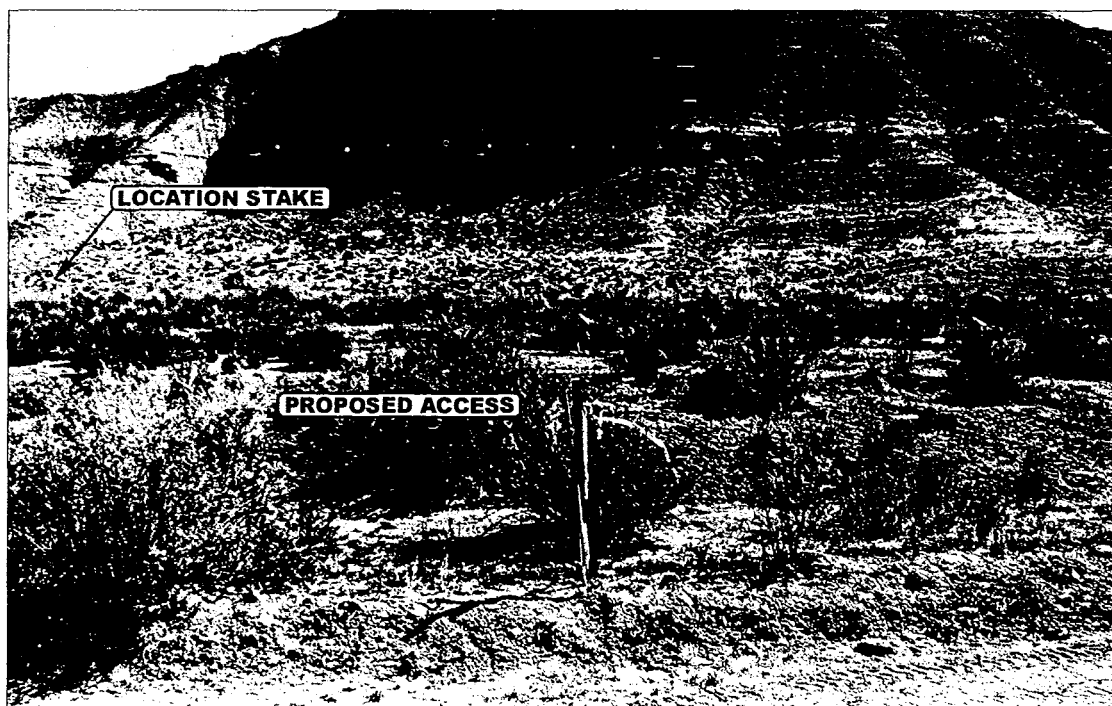


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

**E&L**  
**S**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

04

MONTH

20

DAY

05

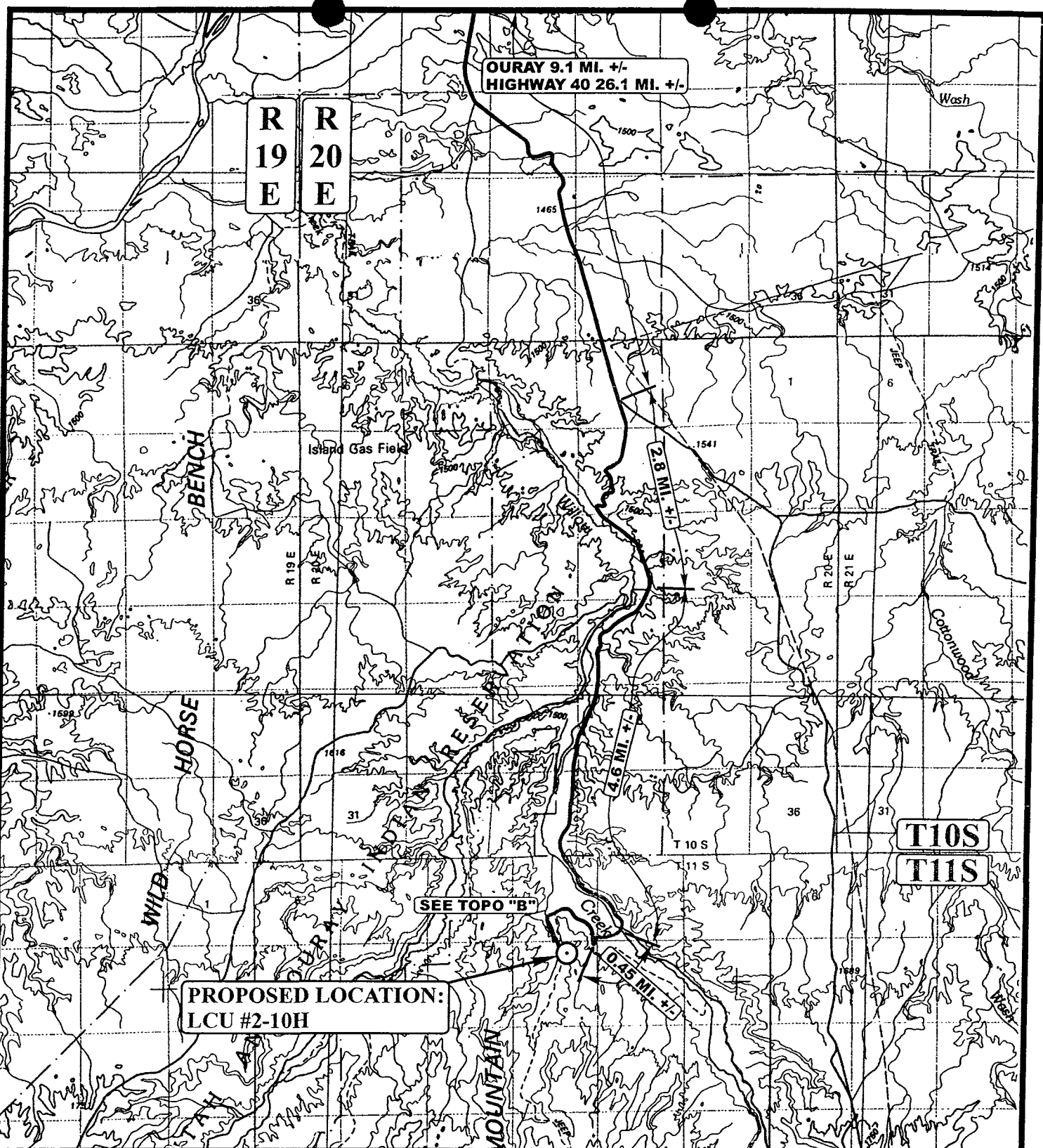
YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: C.P.

REVISED: 00-00-00



**LEGEND:**

○ PROPOSED LOCATION



**DOMINION EXPLR. & PROD., INC.**

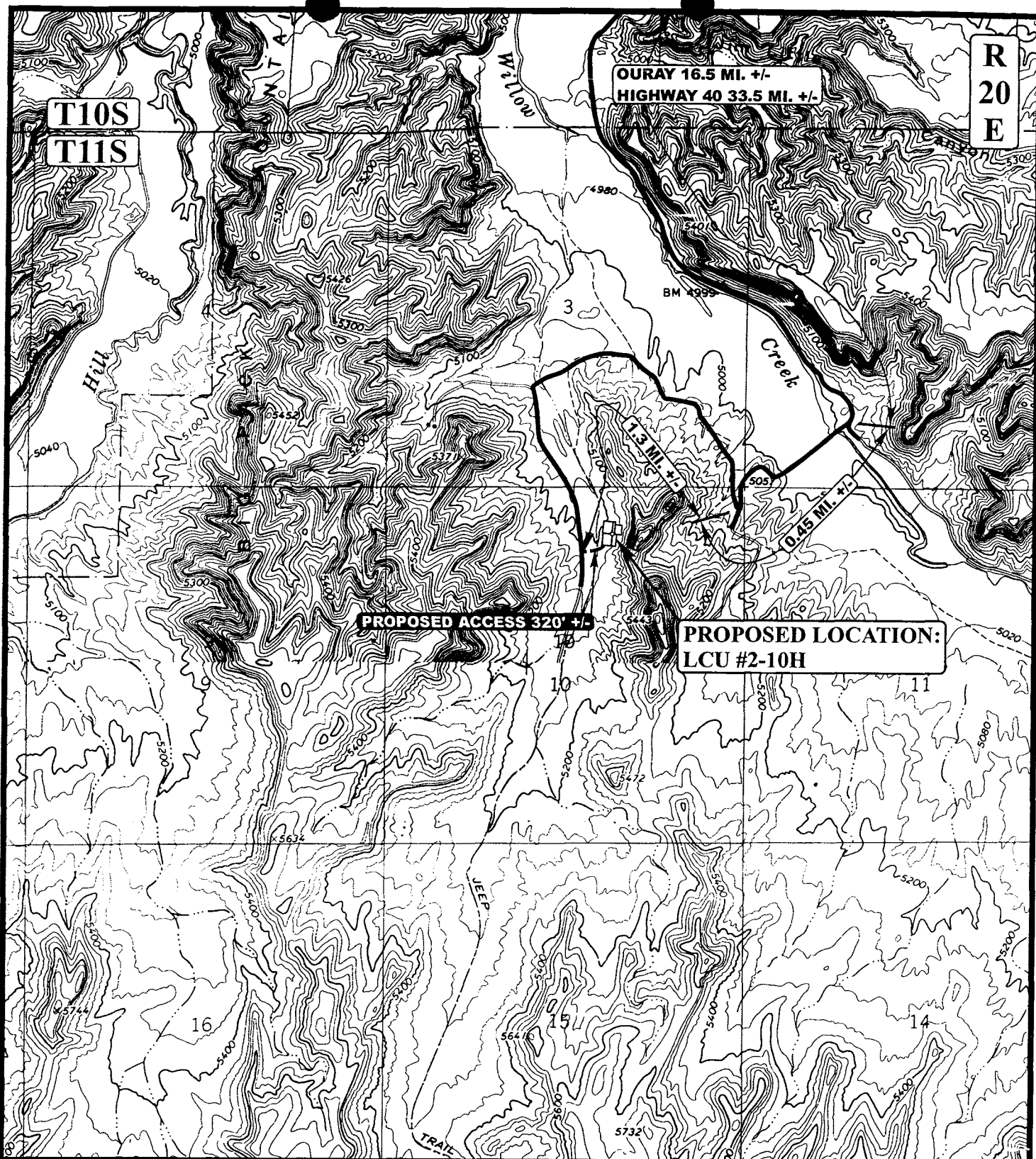
LCU #2-10H  
SECTION 10, T11S, R20E, S.L.B.&M.  
689' FNL 1951' FEL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC MAP  
04 20 05  
MONTH DAY YEAR  
SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00





**LEGEND:**

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD

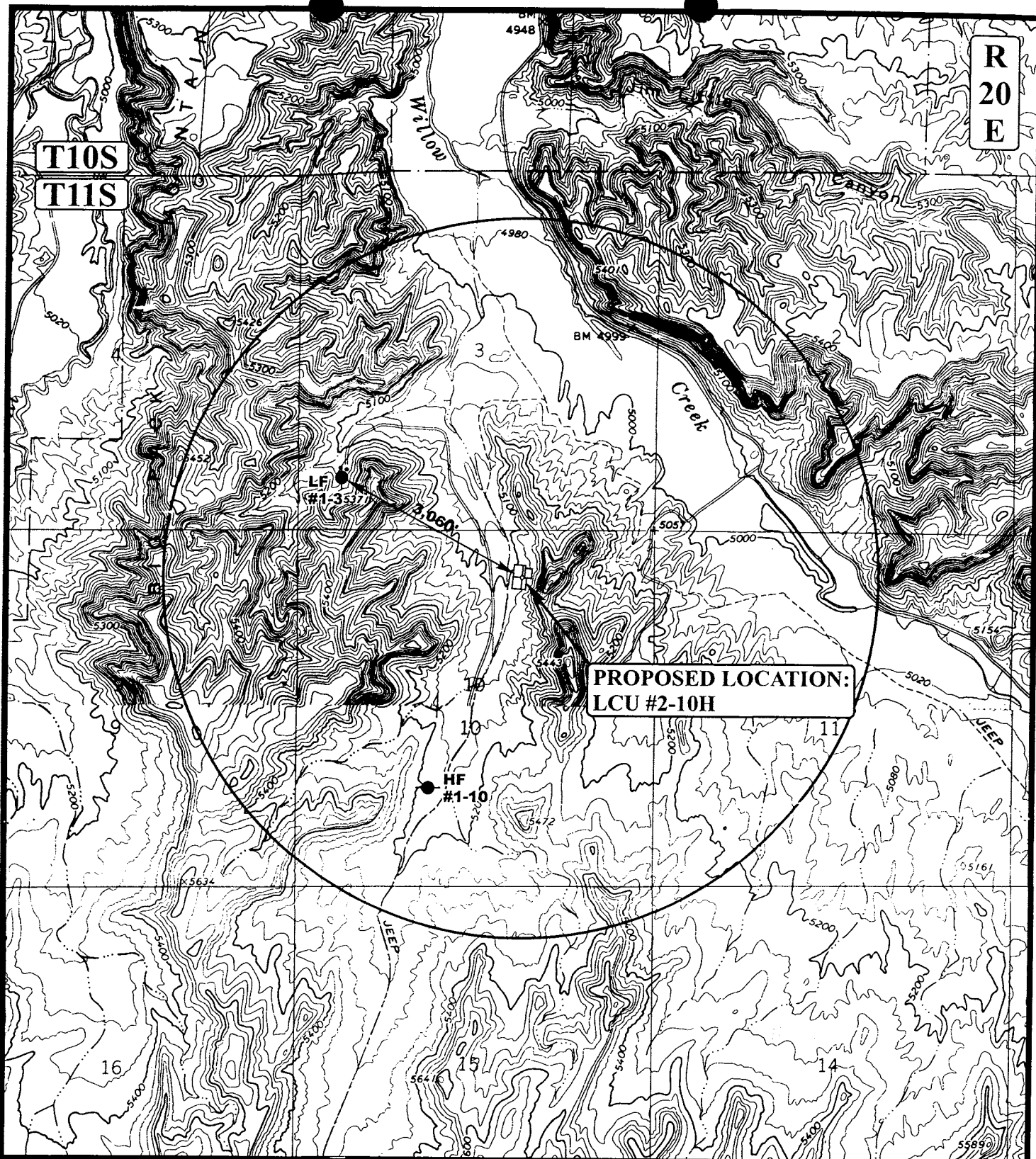
**DOMINION EXPLR. & PROD., INC.**

LCU #2-10H  
SECTION 10, T11S, R20E, S.L.B.&M.  
689' FNL 1951' FEL



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC			04	20	05	<b>B</b> TOPO
MAP			MONTH	DAY	YEAR	
SCALE: 1" = 2000'		DRAWN BY: C.P.		REVISED: 00-00-00		



# LEGEND:

- |                   |                         |
|-------------------|-------------------------|
| Ø DISPOSAL WELLS  | ⊕ WATER WELLS           |
| ● PRODUCING WELLS | ⊖ ABANDONED WELLS       |
| ● SHUT IN WELLS   | ⊙ TEMPORARILY ABANDONED |

## DOMINION EXPLR. & PROD., INC.

LCU #2-10H  
SECTION 10, T11S, R20E, S.L.B.&M.  
689' FNL 1951' FEL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
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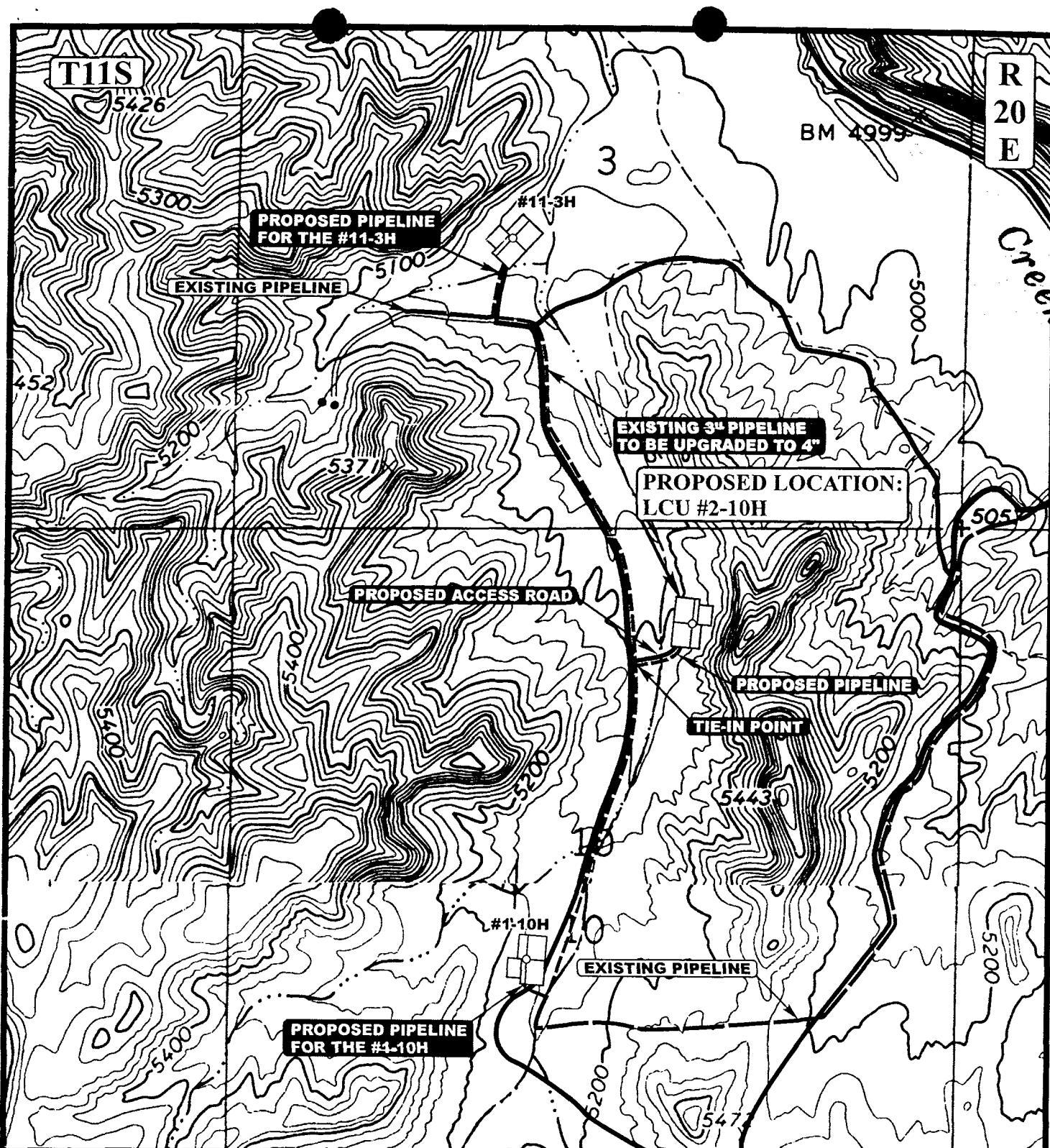


TOPOGRAPHIC  
MAP

04 20 05  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 369' +/-

# LEGEND:

- EXISTING PIPELINE
- PROPOSED PIPELINE
- - - - - PIPELINE TO BE UPGRADED
- ..... PROPOSED PIPELINE (SERVICING OTHER WELLS)

DOMINION EXPLR. & PROD., INC.

LCU #2-10H

SECTION 10, T11S, R20E, S.L.B.&M.

689' FNL 1951' FEL



Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC			
MAP			
04	20	05	
MONTH	DAY	YEAR	
SCALE: 1" = 1000'		DRAWN BY: C.P.	
		REVISED: 00-00-00	

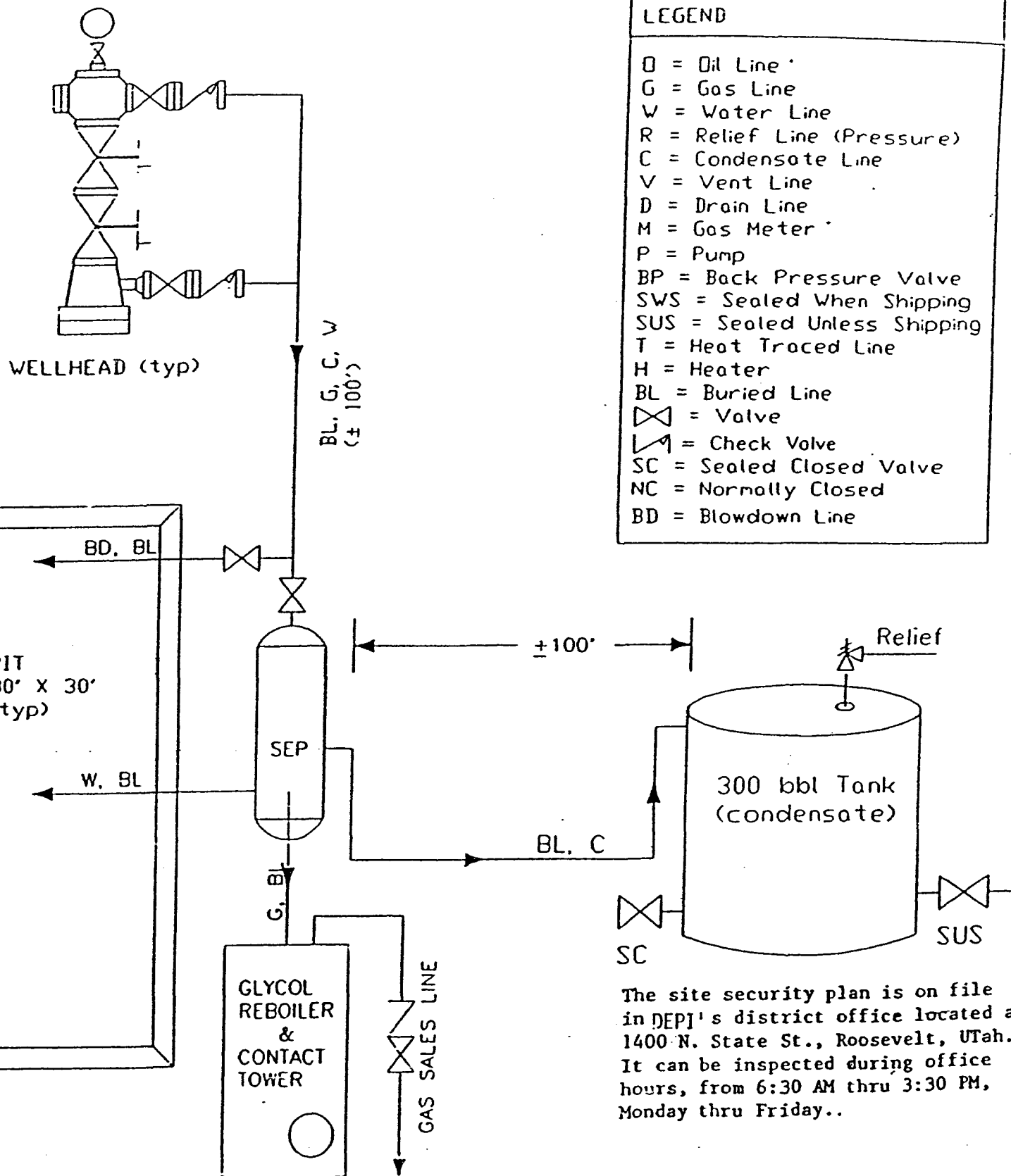




CONFIDENTIAL

LEGEND

O = Oil Line  
 G = Gas Line  
 W = Water Line  
 R = Relief Line (Pressure)  
 C = Condensate Line  
 V = Vent Line  
 D = Drain Line  
 M = Gas Meter  
 P = Pump  
 BP = Back Pressure Valve  
 SWS = Sealed When Shipping  
 SUS = Sealed Unless Shipping  
 T = Heat Traced Line  
 H = Heater  
 BL = Buried Line  
 X = Valve  
 / = Check Valve  
 SC = Sealed Closed Valve  
 NC = Normally Closed  
 BD = Blowdown Line



The site security plan is on file in DEPI's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

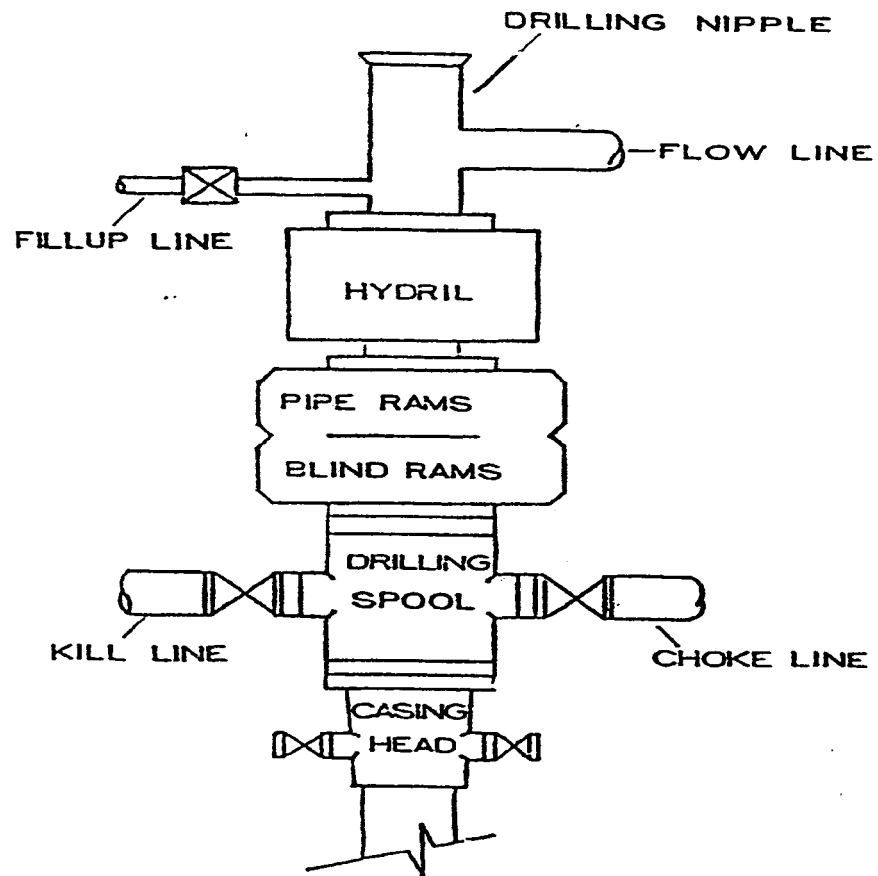
DOMINION EXPLORATION & PRODUCTION, INC.

not to scale

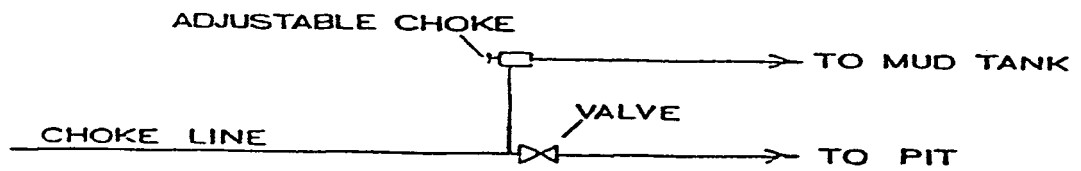
TYPICAL FLOW DIAGRAM

Date: / /

## BOP STACK



## CHOKE MANIFOLD



**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/03/2005

API NO. ASSIGNED: 43-047-36774

WELL NAME: LCU 2-10H

OPERATOR: DOMINION EXPL &amp; PROD ( N1095 )

CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

## PROPOSED LOCATION:

NWNE 10 110S 200E

SURFACE: 0689 FNL 1951 FEL

BOTTOM: 0689 FNL 1951 FEL

UINTAH

HILL CREEK ( 617 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-44089

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.88036

LONGITUDE: -109.6621

## RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
 (No. 76S630500330 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
 (No. 43-10447 )

☒ RDCC Review (Y/N)  
 (Date: )

☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

R649-2-3.

Unit LITTLE CANYON

☒ R649-3-2. General  
 Siting: 460 From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

Siting: \_\_\_\_\_

R649-3-11. Directional Drill

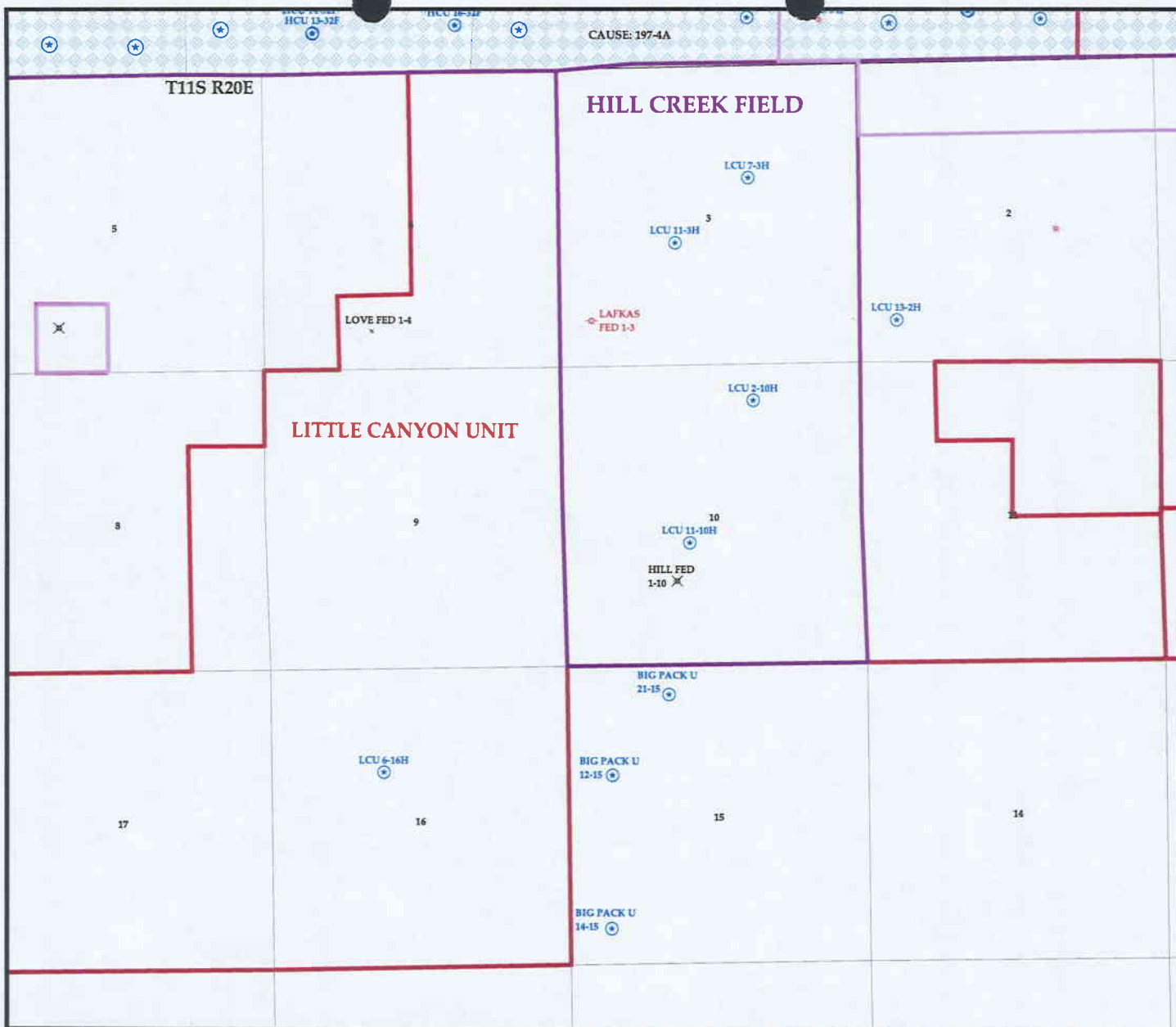
COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

1- Federal approval

2- Spacing SAP





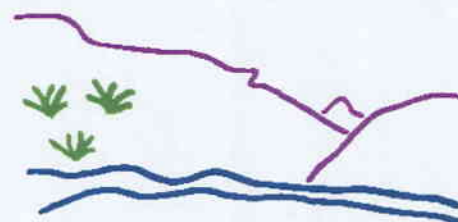
OPERATOR: DOMINION EXPL & PROD (N1095)

SEC: 3,10,16 T. 11S R. 20E

FIELD: HILL CREEK (617)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

#### Wells

- ✱ GAS INJECTION
- ✱ GAS STORAGE
- ✕ LOCATION ABANDONED
- ⊕ NEW LOCATION
- ✧ PLUGGED & ABANDONED
- ✱ PRODUCING GAS
- PRODUCING OIL
- ✱ SHUT-IN GAS
- ✱ SHUT-IN OIL
- ✕ TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- ◆ WATER SUPPLY
- ♣ WATER DISPOSAL

#### Units.shp

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY  
DATE: 10-JUNE-2005

## United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

## IN REPLY REFER TO:

3160

(UT-922)

June 10, 2005

## Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Little Canyon Unit  
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Little Canyon Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ MesaVerde)

43-047-36773	LCU 6-16H Sec 16 T11S R20E 1863 FNL 1962	FWL
43-047-36774	LCU 2-10H Sec 10 T11S R20E 0689 FNL 1951	FEL
43-047-36775	LCU 7-3H Sec 3 T11S R20E 2000 FNL 2000	FEL
43-047-36776	LCU 11-3H Sec 3 T11S R20E 2100 FSL 2000	FWL

This office has no objections to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Little Canyon Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:6-10-05

**State of Utah****Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

June 14, 2005

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

Re: Little Canyon Unit 2-10H Well, 689' FNL, 1951' FEL, NW NE, Sec. 10,  
T. 11 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36774.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt  
Acting Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Dominion Exploration & Production, Inc.  
Well Name & Number Little Canyon Unit 2-10H  
API Number: 43-047-36774  
Lease: UTU-44089

Location: NW NE                      Sec. 10                      T. 11 South                      R. 20 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

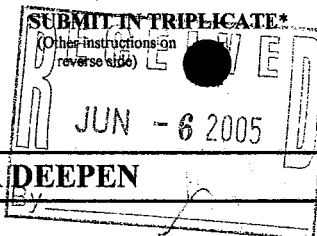
3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Dominion Exploration & Production, Inc.

3. ADDRESS AND TELEPHONE NO.

14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. \*)

At surface

689' FNL & 1,951' FEL

NW/4 NE/4

At proposed prod. zone

689' FNL & 1,951' FEL

NW/4 NE/4

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

14.39 miles south of Ouray, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)

689'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

40 acres

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

3,300'

19. PROPOSED DEPTH

8,600'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,092' GR

22. APPROX. DATE WORK WILL START\*

September 15, 2005

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J-55 ST&C	32#	2,000'	252 sks Lead, 219 sks, tail, 100 sks top out—see attached Drilling Plan
7-7/8"	5-1/2" Mav 80 LT&C	17#	8,600'	160 sks Lead, 435 sks Tail—see attached Drilling Plan

Bond Information:

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330

Other Information:

Drilling Plan and Surface Use Plan are attached.

Dominion requests that this complete application for permit to drill be held confidential.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

RECEIVED  
FEB 02 2006

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Don Hamilton Don Hamilton TITLE Agent for Dominion

DATE May 31, 2005

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY

APPROVED BY Assistant Field Manager TITLE

Assistant Field Manager  
Mineral Resources

DATE 01/27/2006

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the

CONDITIONS OF APPROVAL ATTACHED



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Dominion Exploration & Production, Inc Location: NWNE, Sec 10, T11S, R20E  
Well No: LCU 2-10H Lease No: UTU-44089  
API No: 43-047-36774 Agreement: Little Canyon Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
After hours contact number: (435) 781-4513		FAX: (435) 781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Karl Wright)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Karl Wright)	- Prior to moving on the drilling rig.
Spud Notice (Notify PE)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Jamie Sparger)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify PE)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

- Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APDs
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee will submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the Best Management Practice of the reshaping of the pad to the original contour to the extent possible; the resspreading of the top soil up to the rig anchor points; and, reseeding the area using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

The interim seed mix for reclamation would be:

Crested Wheatgrass	<i>Agropyron cristatum</i>	4 lbs. /acre
Western wheat grass	<i>Agropyron smithii</i>	4 lbs. /acre
Needle and thread grass	<i>Stipa comata</i>	4 lbs. /acre

- If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
- Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil resspread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

### **DOWNHOLE CONDITIONS OF APPROVAL**

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

#### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.
- All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.
- Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only
- As a minimum requirement, the cement behind production casing must extend at least 200' above the base of usable water which has been identified at  $\pm 4092'$ .

#### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.



- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a

summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.

- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

CONFIDENTIAL

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: DOMINION EXPL & PROD INC

Well Name: LCU 2-10H

Api No: 43-047-36774 Lease Type: FEDERAL

Section 10 Township 11S Range 20E County UINTAH

Drilling Contractor BILL JR'S RIG # 5

### **SPUDDED:**

Date 04/23/06

Time 10:30 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by PAT WISENER

Telephone # (435) 828-1455

Date 04/24/2006 Signed CHD

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: Dominion Exploration & Production, Inc. Operator Account Number: N 1095  
Address: 14000 Quail Springs Parkway, Suite 600  
city Oklahoma City  
state Ok zip 73134 Phone Number: (405) 749-1300

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-36774	LCU 2-10H		NWNE	10	11S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	15330	4/23/2006		4/31/06		
Comments: <u>MVRD</u> <span style="float: right; font-size: 1.5em;">CONFIDENTIAL K</span>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Carla Christian

Name (Please Print)

Carla Christian

Signature

Sr. Regulatory Specialist

4/24/2006

Title

Date

RECEIVED

APR 26 2006

(5/2000)

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

Suite 600

3b. Phone No. (include area code)

14000 Quail Springs Parkway, OKC, OK 73134

(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

689' FNL & 1951' FEL, Sec. 10-11S-20E

5. Lease Serial No.

U-44089

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Little Canyon Unit

8. Well Name and No.

LCU 2-10H

9. API Well No.

43-047-36774

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Well
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Spud well 4/23/06. 4/23/06 ran 53 jts. 8 5/8", 32#, J-55, ST&C csg., set @ 2228'. Cemented lead w/250 sks Hi-Fill "V", 11.0 ppg, 3.82 yld., tailed w/225 sks Class "G", 15.8 ppg, 1.15 yld. Top off w/125 sks Class "G", 15.8 ppg, 1.15 yld. Good returns, 30 bbls cmt to pit. Witness by BLM rep Jamie Sparger.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title

Sr. Regulatory Specialist

Signature

*Carla Christian*

Date

05/04/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

MAY 04 2006

DIV. OF OIL, GAS & MINING

Form 3160-5  
(August, 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

5. Lease Serial No.

U-44089

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Little Canyon Unit

8. Well Name and No.

LCU 2-10H

9. API Well No.

43-047-36774

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

1. Type of Well

☐ Oil Well☒

Gas Well

☐ Other

2. Name of Operator

Dominion Exploration &amp; Production, Inc.

3a. Address Suite 600  
14000 Quail Springs Parkway, OKC, OK 731343b. Phone No. (include area code)  
(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

689' FNL &amp; 1951' FEL, Sec. 10-11S-20E

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

## TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Acidize☐ Altering Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other

Change TD

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Dominion request permission to change TD from 8,600' to 9,150', due to new offsetting information. Cement volumes will be adjusted to meet the requirements as specified if the COA. The well is currently drilling at 8,167'.

Approved by the  
Utah Division of  
Oil, Gas & Mining

Date: 05-30-06

By: *[Signature]*

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Carla Christian

Title Sr. Regulatory Specialist

Signature

*Carla Christian*

Date 05/30/2006

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

MAY 30 2006

DIV. OF OIL, GAS &amp; MINING

**Dominion**14000 Quail Springs Parkway, Suite 600  
Oklahoma City, Oklahoma 73134

# Fax

To: Dustin DoucettFrom: CARLA CHRISTIANFax: (801) 359-3940Fax: (405) 749-6690

Phone:

Phone: (405) 749-5263Pages: 2Date: 5-30-06☐ Urgent☐ For Review☐ Please Comment☐ Please Reply☐ Please Recycle

## • Comments:

Dustin,  
Dominion REQUEST Permission TO  
CHANGE TO per THE ATTACHED Summary. I will  
CALL around 8:30 Your time TO see IF  
I CAN obtain VERBAL APPROVAL.

THANK You Very much!

CARLA CHRISTIAN

RECEIVED

MAY 30 2006

DIV. OF OIL, GAS &amp; MINING



## FACSIMILE COVER PAGE

**To :** Utah Division of Oil, Gas & Mining

**From :** g

**Sent :** 6/7/2006 at 3:56:02 PM

**Pages :** 2 (including Cover)

**Subject :** LCU 2-10H

*T11S R20E S10 43-047-36774*

JUN 07 2006



## WELL CHRONOLOGY REPORT

**WELL NAME : LCU 2-10H**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 689' FNL 1951' FEL SEC 10 T 11S R 20E

COUNTY &amp; STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0601247

API # : 43-047-36774

PLAN DEPTH : 8,600 SPUD DATE : 04/23/06

DHC : \$566,000

CWC : \$630,500

AFE TOTAL : \$1,196,500

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$785,911.46

EVENT CC : \$0.00

EVENT TC : \$785,911.46

WELL TOTL COST : \$793,461

**REPORT DATE: 05/31/06**

MD : 8,675

TVD : 8,675

DAYS : 7

MW : 9.6

VISC : 34

DAILY : DC : \$61,225.00

CC : \$0.00

TC : \$61,225.00

CUM : DC : \$459,766.00

CC : \$0.00

TC : \$459,766.00

DAILY DETAILS : DRILLED F/ 8167' KB TO 8202' KB. BOP TEST & DRILL. DRILLED F/ 8202' KB TO 8329' KB. SERVICE RIG. DEVIATION SURVEY @ 8259' KB 2 DEGREES. DRILLED F/ 8329' KB TO 8581' KB. BOP TEST & DRILL. DRILLED F/ 8581' KB TO 8617' KB. CIRCULATE & PUMP PILL FOR BIT TRIP. TRIP OUT OF HOLE FOR BIT TRIP. TRIP IN HOLE WITH NEW BIT. DRILLED F/ 8617' KB TO 8675' KB.

**REPORT DATE: 06/01/06**

MD : 9,212

TVD : 9,212

DAYS : 8

MW : 9.3

VISC : 38

DAILY : DC : \$65,845.00

CC : \$0.00

TC : \$65,845.00

CUM : DC : \$525,611.00

CC : \$0.00

TC : \$525,611.00

DAILY DETAILS : BOP TEST & DRILL. DRILLED F/ 8675' KB TO 9054' KB. SERVICE RIG. BOP TEST & DRILL. DRILLED F/ 9054' KB TO 9212' KB. TD @ 9212' KB @ 2400 HRS 5/31/2006. CIRCULATE & PUMP PILL. TRIP OUT OF HOLE TO RUN OPEN HOLE LOGS. RIG UP SCHLUMBERGER TO RUN OPEN HOLE LOGS.

**REPORT DATE: 06/02/06**

MD : 9,217

TVD : 9,217

DAYS : 9

MW : 9.6

VISC : 35

DAILY : DC : \$66,107.67

CC : \$0.00

TC : \$66,107.67

CUM : DC : \$591,718.67

CC : \$0.00

TC : \$591,718.67

DAILY DETAILS : RUN OPEN HOLE LOGS W/ SCHLUMBERGER 9217' KB. TRIP IN THE HOLE. CIRCULATE & PUMP A PILL. TRIP OUT OF HOLE LAYING DOWN DP, HWDP, DC & DIT. RIG UP CASING CREW & START RUNNING CASING.

**REPORT DATE: 06/03/06**

MD : 9,217

TVD : 9,217

DAYS : 10

MW : 9.6

VISC : 35

DAILY : DC : \$194,192.79

CC : \$0.00

TC : \$194,192.79

CUM : DC : \$785,911.46

CC : \$0.00

TC : \$785,911.46

DAILY DETAILS : RUN CASING. RUN 217 JOINTS, 2 MARKER JOINTS OF 5.500", 17.0#, MAV-80, LTC, NEW CASING TO 9200.94' KB TD, TOP OF FC @ 9177.04' KB, TOP OF SHOE @ 9199.44' KB, END OF CASING AT 9200.94' KB, @ 0700 HRS 6/2/2006. 4 JTS OUT. CIRCULATE. RU HALLIBURTON & CEMENT. CEMENT 5.500" CSG W/ 60 SK OF LEAD CEMENT PREMIUM PLUS V BLEND. ADDITIVES; 16% GEL, .6% EX-1, 3% SALT (BWOC), 1% HR-7, .25# / SK FLOCELE, 10# GILSONITE. WEIGHT (LB/GAL) 11.60, YIELD (CUFT/SK) 3.12, WATER (GAL/SK) 17.83. TAIL CEMENT; 800 SK OF HLC-TYPE V BLEND. ADDITIVES; 65% CEMENT, 35% POZ, 6% GEL, 3% KCL (BWOW), 1% EX-1, .6% HALAD-322, .2% HR-5. WEIGHT (LB/GAL) 13.00, YIELD (CUFT/SK) 1.69, WATER (GAL/SK) 8.81. FINISHED CEMENTING @ 1230 HRS 6/2/2006. CLEAN PITS. RIG RELEASED @ 1630 HRS 6/2/06. RIG DOWN RIG.

JUN 07 2006

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

Suite 600

14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

689' FNL & 1951' FEL, Sec. 10-11S-20E

5. Lease Serial No.

U-44089

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Little Canyon Unit

8. Well Name and No.

LCU 2-10H

9. API Well No.

43-047-36774

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

- 13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

6/2/06 ran 217 jts., 5 1/2", 17#, M-80, LTC csg., set @ 9201'. Cemented lead w/60 sks Premium Plus "V", 3.12 cuft/sk, 11.6 ppg, tailed w/800 sks HLC Type "V", 1.69 cuft/sk, 13.0 ppg., cleaned pits, released rig.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title

Sr. Regulatory Specialist

Signature

*Carla Christian*

Date

06/06/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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JUN 09 2006

DIV. OF OIL, GAS & MINING

## FACSIMILE COVER PAGE

To : Utah Division of Oil, Gas & Mining

From : g

Sent : 6/14/2006 at 1:29:48 PM

Pages : 5 (including Cover)

Subject : LCU 2-10H

*T11S R20E S-10 43-042-36774*

RECEIVED

JUN 14 2006

DIV. OF OIL, GAS & MINING

**WELL CHRONOLOGY REPORT****WELL NAME : LCU 2-10H**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 689' FNL 1951' FEL SEC 10 T 11S R 20E

COUNTY &amp; STATE : UTAH

UT

CONTRACTOR :

WM % : 100.00 AFE # : 0601247

API # : 43-047-36774

PLAN DEPTH : 8,600

SPUD DATE : 04/23/06

DHC : \$566,000

CWC : \$630,500

AFE TOTAL : \$1,196,500

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$785,911.46

EVENT CC : \$252,756.00

EVENT TC : \$1,038,667.46

WELL TOTL COST : \$1,046,217

**REPORT DATE: 06/09/06**

MD : 9,166

TVD : 9,166

DAYS : 1

MW :

VISC :

DAILY : DC : \$0.00

CC : \$13,949.00

TC : \$13,949.00

CUM : DC : \$785,911.46

CC : \$13,949.00

TC : \$799,860.46

DAILY DETAILS : INSTALL FRAC VALVE. PRESSURE TEST CSGN & VALVE TO 5,000 PSI. RIG UP SCHLUMBERGER AND RUN CBL. PBTD IS 9166'. EST CEMENT TOP @ 2750'. PERFORATE 1ST STAGE @ 9115-18' & 9121-27' W/ 6 SPF. 9' OF ZONE & 56 HOLES ADDED.  
WAIT ON FRAC DATE.

RECEIVED

JUN 14 2006

DIV. OF OIL, GAS &amp; MINING

**WELL CHRONOLOGY REPORT****WELL NAME : LCU 2-10H**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 689' FNL 1951' FEL SEC 10 T 11S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WM % : 100.00 AFE # : 0601247

API # : 43-047-36774

PLAN DEPTH : 8,600

SPUD DATE : 04/23/06

DHC : \$566,000

CWC : \$630,500

AFE TOTAL : \$1,196,500

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$785,911.46

EVENT CC : \$252,756.00

EVENT TC : \$1,038,667.46

WELL TOTL COST : \$1,046,217

**REPORT DATE: 06/14/06**

MD : 9,166

TVD : 9,166

DAYS : 2

MW :

VISC :

DAILY : DC : \$0.00

CC : \$238,807.00

TC : \$238,807.00

CUM : DC : \$785,911.46

CC : \$252,756.00

TC : \$1,038,667.46

DAILY DETAILS :

RECEIVED

JUN 14 2006

DIV. OF OIL, GAS &amp; MINING



## WELL CHRONOLOGY REPORT

**WELL NAME : LCU 2-10H**

DISTRICT : WESTERN

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LOCATION : 689' FNL 1951' FEL SEC 10 T 11S R 20E

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WI % : 100.00 AFE # : 0601247

API # : 43-047-36774

PLAN DEPTH : 8,600

SPUD DATE : 04/23/06

DHC : \$566,000

CWC : \$630,500

AFE TOTAL : \$1,196,500

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$785,911.46

EVENT CC : \$252,756.00

EVENT TC : \$1,038,667.46

WELL TOTL COST : \$1,046,217

06-13-06 LCU 2-10H. MIRU SCHLUMBERGER frac equipment, tested lines to 7000 psi. Held safety meeting with all personnel. Quality control on gel & breaker systems with on-site lab was verified. Frac'd Mesa Verde Interval # 1, 9115-18', 9121-27', 6 spf, 56 holes, with 25,825# 20/40 PR6000 sand. Pumped frac at an average rate of 28.6 bpm, using 167 mscf of N2 and 450 bbls of fluid. Average surface treating pressure was 4501 psi with sand concentrations stair stepping from 1.0 ppg to 4.0 ppg.

2800 gallons Pad YF120ST/N2 gel.

1769 gallons YF120ST/N2 pumped @ 1.0 ppg sand concentration.

1769 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

1765 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

2090 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

8724 gallons WF110 slick water flush.

Total frac fluid pumped 450 bbls. N2 was cut during flush. Ru wire line, RIH (miss run) and set 8K frac plug @ 8830'.

RIH and perforate interval #2 @ 8542-50', 4 spf, 8666-69', 6 spf, 52 holes. Fraced interval #2 w/ 49778# 20/40

PR6000 sand. Pumped frac at an avg rate of 32.8 bpm, using 278.8 mscf of N2 and 654 bbls of fluid. Avg surface

treating pressure was 4773 psi w/ sand concentrations stair stepping from 1.0 ppg to 4.0 ppg.

3500 gallons Pad YF120ST/N2 gel.

2820 gallons YF120ST/N2 pumped @ 1.0 ppg sand concentration.

3517 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

3521 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

4082 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

8258 gallons WF110 slick water flush.

Total frac fluid pumped 654 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 8200', perforate interval # 3 @

7120-23', 7188-98', 4 spf, 54 holes. Fraced interval #3 w/ 50,927# 20/40 Ottawa sand. Pumped frac at an avg rate of

27.5 bpm, using 198.6 mscf of N2 and 505 bbls of fluid. Avg surface treating pressure was 4203 psi w/ sand

concentrations stair stepping from 2.0 ppg to 5.0 ppg.

3485 gallons Pad YF120LG/N2 gel.

2134 gallons YF120LG/N2 pumped @ 2.0 ppg sand concentration.

2114 gallons YF120LG/N2 pumped @ 3.0 ppg sand concentration.

2818 gallons YF120LG/N2 pumped @ 4.0 ppg sand concentration.

3314 gallons YF120LG/N2 pumped @ 5.0 ppg sand concentration.

6942 gallons WF110 slick water flush.

Total frac fluid pumped 505 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 7770', perforate interval # 4 @

6954-76', 3 spf 67 holes. Unable to break dn perms, RIH and dump 9 gallons of acid over perms. Fraced interval #4 w/

75,075# 20/40 Ottawa sand. Pumped frac at an avg rate of 32.7 bpm, using 237.6 mscf of N2 and 629 bbls of fluid.

Avg surface treating pressure was 4503 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

3491 gallons Pad YF120LG/N2 gel.

2142 gallons pumped YF120LG/N2 @ 2.0 ppg sand concentration.

2119 gallons pumped YF120LG/N2 @ 3.0 ppg sand concentration.

2819 gallons pumped YF120LG/N2 @ 4.0 ppg sand concentration.

2815 gallons pumped YF120LG/N2 @ 5.0 ppg sand concentration.

3241 gallons pumped YF120LG/N2 @ 6.0 ppg sand concentration.

6720 gallons WF110 slick water flush.

Total frac fluid pumped 629 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 7550', perforate interval # 5 @

5370-98', 2 spf, 57 holes. Fraced interval #5 w/ 47,472# 20/40 Ottawa sand. Pumped frac at an avg rate of 27.8 bpm,

using 180.1 mscf of N2 and 402 bbls of fluid. Avg surface treating pressure was 2861 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2793 gallons Pad YF115LG/N2 gel.

1794 gallons YF115LG/N2 pumped @ 2.0 ppg sand concentration.

1765 gallons YF115LG/N2 pumped @ 3.0 ppg sand concentration.

1767 gallons YF115LG/N2 pumped @ 4.0 ppg sand concentration.

1447 gallons YF115LG/N2 pumped @ 5.0 ppg sand concentration.

2124 gallons YF115LG/N2 pumped @ 6.0 ppg sand concentration.

3841 gallons WF110 slick water flush.

Total frac fluid pumped 402 bbls. N2 was not cut during flush. Opened well to the pit on a 12/64 choke. Turned well

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JUN 14 2006

DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

**WELL NAME : LCU 2-10H**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 689' FNL 1951' FEL SEC 10 T 11S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WM % : 100.00 AFE # : 0601247

API # : 43-047-36774

PLAN DEPTH : 8,600

SPUD DATE : 04/23/06

DHC : \$566,000

CWC : \$630,500

AFE TOTAL : \$1,196,500

FORMATION : WASATCH/MESAVERDE

EVENT DC: \$785,911.46

EVENT CC: \$252,756.00

EVENT TC: \$1,038,667.46

WELL TOTL COST: \$1,046,217

over to production.

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JUN 14 2006

DIV. OF OIL, GAS &amp; MINING



## FACSIMILE COVER PAGE

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**To :** Utah Division of Oil, Gas & Mining

**From :** g

**Sent :** 6/22/2006 at 9:07:08 AM

**Pages :** 4 (including Cover)

**Subject :** LCU 2-10H *T11S R20E S-10 43-047-36774*

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RECEIVED  
JUN 22 2006

DIV. OF OIL, GAS & MINING

Page: 1

**WELL CHRONOLOGY REPORT****WELL NAME : LCU 2-10H**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 689' FNL 1951' FEL SEC 10 T 11S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WM % : 100.00 AFE # : 0601247

API # : 43-047-36774

PLAN DEPTH : 8,600 SPUD DATE : 04/23/06

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EVENT DC: \$785,911.46

EVENT CC: \$252,756.00

EVENT TC: \$1,038,667.46

WELL TOTL COST: \$1,046,217

**REPORT DATE: 06/14/06**

MD : 9,166

TVD : 9,166

DAYS : 2

MW :

VISC :

DAILY : DC : \$0.00

CC : \$238,807.00

TC : \$238,807.00

CUM : DC: \$785,911.46

CC : \$252,756.00

TC : \$1,038,667.46

DAILY DETAILS :

**RECEIVED****JUN 22 2006**



## WELL CHRONOLOGY REPORT

**WELL NAME : LCU 2-10H**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 689' FNL 1951' FEL SEC 10 T 11S R 20E

COUNTY &amp; STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0601247

API # : 43-047-36774

PLAN DEPTH : 8,600 SPUD DATE : 04/23/06

DHC : \$566,000

CWC : \$630,500

AFE TOTAL : \$1,196,500

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EVENT TC : \$1,038,667.46

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06-13-06 LCU 2-10H. MIRU SCHLUMBERGER frac equipment, tested lines to 7000 psi. Held safety meeting with all personnel. Quality control on gel & breaker systems with on-site lab was verified. Frac'd Mesa Verde Interval # 1, 9115-18', 9121-27', 6 spf, 56 holes, with 25,825# 20/40 PR6000 sand. Pumped frac at an average rate of 28.6 bpm, using 167 mscf of N2 and 450 bbls of fluid. Average surface treating pressure was 4501 psi with sand concentrations stair stepping from 1.0 ppg to 4.0 ppg.

2800 gallons Pad YF120ST/N2 gel.

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1769 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

1765 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

2090 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

8724 gallons WF110 slick water flush.

Total frac fluid pumped 450 bbls. N2 was cut during flush. Ru wire line, RIH (miss run) and set 8K frac plug @ 8830'. RIH and perforate interval #2 @ 8542-50', 4 spf, 8666-69', 6 spf, 52 holes. Fraced interval #2 w/ 49778# 20/40 PR6000 sand. Pumped frac at an avg rate of 32.8 bpm, using 278.8 mscf of N2 and 654 bbls of fluid. Avg surface treating pressure was 4773 psi w/ sand concentrations stair stepping from 1.0 ppg to 4.0 ppg.

3500 gallons Pad YF120ST/N2 gel.

2820 gallons YF120ST/N2 pumped @ 1.0 ppg sand concentration.

3517 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

3521 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

4082 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

8258 gallons WF110 slick water flush.

Total frac fluid pumped 654 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 8200', perforate interval # 3 @ 7120-23', 7188-98', 4 spf, 54 holes. Fraced interval #3 w/ 50,927# 20/40 Ottawa sand. Pumped frac at an avg rate of 27.5 bpm, using 198.6 mscf of N2 and 505 bbls of fluid. Avg surface treating pressure was 4203 psi w/ sand concentrations stair stepping from 2.0 ppg to 5.0 ppg.

3485 gallons Pad YF120LG/N2 gel.

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2818 gallons YF120LG/N2 pumped @ 4.0 ppg sand concentration.

3314 gallons YF120LG/N2 pumped @ 5.0 ppg sand concentration.

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Total frac fluid pumped 505 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 7770', perforate interval # 4 @ 6954-76', 3 spf 67 holes. Unable to break dn perfs, RIH and dump 9 gallons of acid over perfs. Fraced interval #4 w/ 75,075# 20/40 Ottawa sand. Pumped frac at an avg rate of 32.7 bpm, using 237.6 mscf of N2 and 629 bbls of fluid. Avg surface treating pressure was 4503 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

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2815 gallons pumped YF120LG/N2 @ 5.0 ppg sand concentration.

3241 gallons pumped YF120LG/N2 @ 6.0 ppg sand concentration.

6720 gallons WF110 slick water flush.

Total frac fluid pumped 629 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 7550', perforate interval # 5 @ 5370-98', 2 spf, 57 holes. Fraced interval #5 w/ 47,472# 20/40 Ottawa sand. Pumped frac at an avg rate of 27.8 bpm, using 180.1 mscf of N2 and 402 bbls of fluid. Avg surface treating pressure was 2861 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2793 gallons Pad YF115LG/N2 gel.

1794 gallons YF115LG/N2 pumped @ 2.0 ppg sand concentration.

1765 gallons YF115LG/N2 pumped @ 3.0 ppg sand concentration.

1767 gallons YF115LG/N2 pumped @ 4.0 ppg sand concentration.

1447 gallons YF115LG/N2 pumped @ 5.0 ppg sand concentration.

2124 gallons YF115LG/N2 pumped @ 6.0 ppg sand concentration.

3841 gallons WF110 slick water flush.

Total frac fluid pumped 402 bbls. N2 was not cut during flush. Opened well to the pit on a 12/64 choke. Turned well

RECEIVED

JUN 22 2006



## WELL CHRONOLOGY REPORT

**WELL NAME : LCU 2-10H**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 689' FNL 1951' FEL SEC 10 T 11S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0601247

API # : 43-047-36774

PLAN DEPTH : 8,600

SPUD DATE : 04/23/06

DHC : \$566,000

CWC : \$630,500

AFE TOTAL : \$1,196,500

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$785,911.46

EVENT CC : \$252,756.00

EVENT TC : \$1,038,667.46

WELL TOTL COST : \$1,046,217

over to production.

REPORT DATE: 06/15/06 MD: 9,166 TVD: 9,166 DAYS: 3 MW: VISC:  
 DAILY: DC: \$0.00 CC: \$0.00 TC: \$0.00 CUM: DC: \$785,911.46 CC: \$252,756.00 TC: \$1,038,667.46  
 DAILY DETAILS: FLOW REPORT WELL FLOWING UP CSG TO PIT ON 12/64 CHOKE FCP 1100, RECOVERED 827 BBLS FLUID  
 CHANGE TO 18/64 CHOKE & LEFT WELL FLOWING TO PIT

REPORT DATE: 06/16/06 MD: 9,166 TVD: 9,166 DAYS: 4 MW: VISC:  
 DAILY: DC: \$0.00 CC: \$0.00 TC: \$0.00 CUM: DC: \$785,911.46 CC: \$252,756.00 TC: \$1,038,667.46  
 DAILY DETAILS: FLOW REPORT WELL FLOWING TO PIT ON 18/64 CHOKE FCP 724 RECOVERED 790 BBLS FLUID RU  
 FLOWLINE & TURN TO SALES @ 12:00 PM ON 18/64 CHOKE.

REPORT DATE: 06/17/06 MD: 9,166 TVD: 9,166 DAYS: 5 MW: VISC:  
 DAILY: DC: \$0.00 CC: \$0.00 TC: \$0.00 CUM: DC: \$785,911.46 CC: \$252,756.00 TC: \$1,038,667.46  
 DAILY DETAILS: FLOW REPORT TURN TO SALES @ 12:00 PM MADE 108 MCF, FCP 557, SLP 87, 0 OIL, 145 WTR. 18/64 CHOKE,  
 LEFT WELL SAME.

REPORT DATE: 06/18/06 MD: 9,166 TVD: 9,166 DAYS: 6 MW: VISC:  
 DAILY: DC: \$0.00 CC: \$0.00 TC: \$0.00 CUM: DC: \$785,911.46 CC: \$252,756.00 TC: \$1,038,667.46  
 DAILY DETAILS: FLOW REPORT MADE 108 MCF, FCP 557, SLP 87, 0 OIL, 145 WTR. 18/64 CHOKE 15 HRS. PRD.

REPORT DATE: 06/19/06 MD: 9,166 TVD: 9,166 DAYS: 7 MW: VISC:  
 DAILY: DC: \$0.00 CC: \$0.00 TC: \$0.00 CUM: DC: \$785,911.46 CC: \$252,756.00 TC: \$1,038,667.46  
 DAILY DETAILS: FLOW REPORT MADE 411 MCF, FCP 535, SLP 97, 31 OIL, 201 WTR. 22/64 CHOKE 24 HRS. PRD.

REPORT DATE: 06/20/06 MD: 9,166 TVD: 9,166 DAYS: 8 MW: VISC:  
 DAILY: DC: \$0.00 CC: \$0.00 TC: \$0.00 CUM: DC: \$785,911.46 CC: \$252,756.00 TC: \$1,038,667.46  
 DAILY DETAILS: FLOW REPORT MADE 883 MCF, FCP 414, SLP 103, 31 OIL, 200 WTR. 22/64 CHOKE 24 HRS. PRD.

REPORT DATE: 06/21/06 MD: 9,166 TVD: 9,166 DAYS: 9 MW: VISC:  
 DAILY: DC: \$0.00 CC: \$0.00 TC: \$0.00 CUM: DC: \$785,911.46 CC: \$252,756.00 TC: \$1,038,667.46  
 DAILY DETAILS: FLOW REPORT MADE 862 MCF FCP 403, SLP 92, 32 OIL, 57 WTR. 24/64 CHOKE LEFT WELL SAME.

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 JUN 22 2006

## FACSIMILE COVER PAGE

**To :** Utah Division of Oil, Gas & Mining

**From :** g

**Sent :** 7/6/2006 at 2:03:02 PM

**Pages :** 2 (including Cover)

**Subject :** LCU 2-10H *T11S R20E S-10 43042 36774*

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JUL 06 2006

DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

**WELL NAME : LCU 2-10H**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 689' FNL 1951' FEL SEC 10 T 11S R 20E

COUNTY &amp; STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0601247

API # : 43-047-36774

PLAN DEPTH : 8,600 SPUD DATE : 04/23/06

DHC : \$566,000

CWC : \$630,500

AFE TOTAL : \$1,196,500

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$785,911.46

EVENT CC : \$252,756.00

EVENT TC : \$1,038,667.46

WELL TOTL COST : \$1,046,217

**REPORT DATE: 06/21/06**

MD : 9,166

TVD : 9,166

DAYS : 9

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$785,911.46

CC : \$252,756.00

TC : \$1,038,667.46

DAILY DETAILS : FLOW REPORT MADE 862 MCF FCP 403, SLP 92, 32 OIL, 57 WTR. 24/64 CHOKE LEFT WELL SAME.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

Suite 600

14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

689' FNL & 1951' FEL, Sec. 10-11S-20E

5. Lease Serial No.

U-44089

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Little Canyon Unit

8. Well Name and No.

LCU 2-10H

9. API Well No.

43-047-36774

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

6/12/06 Perf'd & Frac'd well. First sales 6/15/06

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title Sr. Regulatory Specialist

Signature

Carla Christian

Date 07/06/2006

**THIS SPACE FOR FEDERAL OR STATE NOTICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

JUL 10 2006

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOGFORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

5. Lease Serial No.

U-44089

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator

Dominion Exploration &amp; Production, Inc.

3. Address

14000 Quail Springs Parkway - Ste. 600 - Okla. City, OK 73134

3a. Phone No. (include area code)

405-749-1300

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface

689' FNL &amp; 1951' FEL, NW NE

At top prod. Interval reported below

At total depth

14. Date Spudded

4/23/2006

15. Date T.D. Reached

5/31/2006

16. Date Completed

☐ D&A ☒ Ready to prod.

6/15/2006

18. Total Depth:

MD 9212'  
TVD

19. Plug Back T.D.:

MD 9166'  
TVD

20. Depth Bridge Plug Set:

MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

Platform Express Triple Combo Gamma Ray  
Cement Bond Log

22. Was well cored?

☒ No ☐ Yes

(Submit analysis)

Was DST run?

☒ No ☐ Yes

(Submit report)

Directional Survey?

☒ No ☐ Yes

(Submit copy)

23. Casing and Liner Record (Report all string set in well)

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	8 5/8"	32#	Surface	2228'		600 Sx		Circ.	
7 7/8"	5 1/2"	17#	Surface	9201'		860 Sx		Est. TOC 2750'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	9020'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	9115'	9127'	9115- 18, 9121- 27		56	Open
B) Mesaverde	8542'	8669'	8542- 50, 8666- 69		52	Open
C) Mesaverde	7120'	7198'	7120- 23, 7188- 98		54	Open
D) Mesaverde	6954'	6976'	6954- 76		67	Open
E) Wasatch	5370'	5398'	5370- 98		57	Open
F)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9115' - 9127'	Frac w/25,825# 20/40 PR6000 sd., w/167 mscf of N2 and 450 bbls of YF 120ST.
8542' - 8669'	Frac w/49,778# 20/40 PR6000 sd., w/278.8 mscf of N2 and 654 bbls of YF 120ST.
7120' - 7198'	Frac w/50,927# 20/40 Ottawa sd., w/198.6 mscf of N2 and 505 bbls of YF 120LG.
6954' - 6976'	Frac w/75,075# 20/40 Ottawa sd., w/237.6 mscf of N2 and 629 bbls of YF 120LG.
5370' - 5398'	Frac w/47,472# 20/40 Ottawa sd., w/180.1 mscf of N2 and 402 bbls of YF 115LG.

Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/15/2006	8/21/2006	24	→	0	165	25			Flowing
Choke Size	Tbg Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48	337	484	→	0	165	25			Producing

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

(See instructions and spaces for additional data on reverse side)



## 28b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas. Depth
				Wasatch Tongue	3250'
				Uteland Limestone	3589'
				Wasatch	3685'
				Chapita Wells	4624'
				Uteland Buttes	5705'
				Mesaverde	6451'

32. Additional remarks (include plugging procedure)

33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd)      2. Geologic Report      3. DST Report      4. Directional Survey  
 5. Sundry Notice for plugging and cement verification      6. Core Analysis      7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Carla Christian      Title Sr. Regulatory Specialist  
 Signature Carla Christian      Date September 6, 2006

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3160

(U-922)

June 12, 2007

Certified Mail - Return Receipt Requested

Dominion Exploration & Production Inc.

c/o UnitSource Incorporated

11184 Huron Street, Suite 16

Denver, CO 80234

**RECEIVED**

**JUN 14 2007**

Re: Little Canyon Unit  
Uintah County, Utah

**DIV. OF OIL, GAS & MINING**

Gentlemen:

Pursuant to your request of April 23, 2007 and information provided by email from Ms. Stephanie Sarte, it has been determined by this office that under existing conditions the following well is capable of producing unitized substances in paying quantities as defined in Section 9 of the unit agreement.

API Number	Well Name	Location	Completion Date
4304736843	LCU 12-6G	NWSW 6 11 S 21 E SLB&M	08/15/2006

Please file an appropriate Participating Area application for this well at your earliest convenience.

Two of the wells in your application, the LCU 8-12H located in the SENE of Section 12, Township 11 South, Range 20 East and the LCU 7-1H located in the SWNE of Section 1, Township 11 South, Range 20 East, Uintah County, Utah are already included in the Wasatch-Mesaverde "AB" Participating Area.

It is not necessary to request paying well determinations for wells within a participating area, as has been the case in the River Bend and Hill Creek Units.

Pursuant to the same request, it has been determined by this office that under existing conditions the following wells are not capable of producing unitized substances in paying quantities as defined in Section 9 of the unit agreement.

API Number	Well Name	Bottom Hole Location								Comp. Date	Lease
4304736774	LCU 2-10H	NWNE	10	11.0	S	20.0	E	SLB&M	06/15/2006	UTU44089	
4304736607	LCU 11-10H	NESW	10	11.0	S	20.0	E	SLB&M	06/24/2006	UTU44089	

Production from these wells shall be handled and reported on a lease basis.


You have the right to request a State Director Review of our decision as specified in 43 CFR 3165.3. Such request including all supporting documentation, must be filed in writing within twenty (20) business days of this notice to State Director (U-920), Bureau of Land Management, P.O. Box 45155, Salt Lake City, Utah 84145-0155. As stated in the regulations at 43 CFR 3165.3(e), a request for State Director Review does not automatically suspend the decision.

If you have any questions please contact Mickey Coulthard of this office at (801)-539-4042. Your cooperation in this matter is greatly appreciated.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

bcc: FOM Vernal  
Little Canyon Unit File  
  
MMS  
SITLA  
Central Files  
Agr. Sec. Chron.  
Fluid Chron  
Tickler (July 2007)

MCoulthard:mc:6-12-07

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**7/1/2007**

<b>FROM:</b> (Old Operator): N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134  Phone: 1 (405) 749-1300	<b>TO:</b> ( New Operator): N2615-XTO Energy Inc 810 Houston St Fort Worth, TX 76102  Phone: 1 (817) 870-2800
--	--

CA No.				Unit:	LITTLE CANYON			
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000138
  - Indian well(s) covered by Bond Number: n/a
  - a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
  - b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008
- The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N 2615</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		8. WELL NAME and NUMBER: SEE ATTACHED
5. PHONE NUMBER: (817) 870-2800		9. API NUMBER: SEE ATTACHED
6. COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
7. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		8. STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

*N 1095*

*James D. Abercrombie*  
James D. Abercrombie  
Sr. Vice President, General Manager - Western Business Unit  
*(405) 749-1300*

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <u>7/31/2007</u>

(This space for State use only)

APPROVED 9127107  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED  
AUG 06 2007

DIV. OF OIL, GAS & MINING

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

LITTLE CANYON UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304731026	HILL FEDERAL 1-10	NESW	10	110S	200E	U-44089	1368	Federal	GW	TA
4304731178	LAFKAS FED 1-3	SWSW	03	110S	200E	U-34350	1367	Federal	GW	S
4304735639	LCU 5-35F	SWNW	35	100S	200E	U-01470-C	14619	Federal	GW	P
4304735646	LCU 10-35F	NWSE	35	100S	200E	U-01470-D	14619	Federal	GW	P
4304735729	LCU 14-1H	SESW	01	110S	200E	UTU-73436	14619	Federal	GW	P
4304735730	LCU 12-1H	NWSW	01	110S	200E	UTU-73436	14619	Federal	GW	P
4304735731	LCU 2-12H	NWNE	12	110S	200E	UTU-73436	14619	Federal	GW	P
4304736164	LCU 6-6G	SENW	06	110S	210E	UTU-75700	14619	Federal	GW	P
4304736165	LCU 2-1H	NWNE	01	110S	200E	UTU-76264	14619	Federal	GW	P
4304736166	LCU 5-1H	SWNW	01	110S	200E	UTU-76264	14619	Federal	GW	P
4304736167	LCU 16-1H	SESE	01	110S	200E	UTU-73436	14619	Federal	GW	P
4304736168	LCU 11-1H	NESW	01	110S	200E	UTU-73436	14619	Federal	GW	P
4304736607	LCU 11-10H	NESW	10	110S	200E	U-44089	15361	Federal	GW	P
4304736774	LCU 2-10H	NWNE	10	110S	200E	UTU-44089	15330	Federal	GW	P
4304736775	LCU 7-3H	SWNE	03	110S	200E	UTU-44090-A	15777	Federal	GW	P
4304736776	LCU 11-3H	NESW	03	110S	200E	UTU-34350	16104	Federal	GW	DRL
4304736803	LCU 7-1H	SWNE	01	110S	200E	UTU-76264	14619	Federal	GW	P
4304736804	LCU 3-3H	NENW	03	110S	200E	UTU-44090-A	16070	Federal	GW	DRL
4304736805	LCU 14-3H	SESW	03	110S	200E	UTU-34350	16106	Federal	GW	DRL
4304736806	LCU 15-9H	SWSE	09	110S	200E	UTU-76265	16042	Federal	GW	DRL
4304736807	LCU 8-12H	SENE	12	110S	200E	U-73436	14619	Federal	GW	P
4304736811	LCU 14-35F	SESW	35	100S	200E	U-01470-D	14619	Federal	GW	P
4304736812	LCU 13-35F	SWSW	35	100S	200E	U-01470-D	14619	Federal	GW	P
4304736813	LCU 12-6G	NWSW	06	110S	210E	U-72665	15248	Federal	GW	P
4304736891	LCU 9-3H	NESE	03	110S	200E	UTU-34350	16107	Federal	GW	DRL
4304737198	LCU 6-11H	SENW	11	110S	200E	UTU-73436	16009	Federal	GW	P
4304737199	LCU 12-11H	NWSW	11	110S	200E	UTU-73436	16009	Federal	GW	P
4304737200	LCU 14-11H	SESW	11	110S	200E	UTU-73436	16009	Federal	GW	P
4304737449	LCU 9-11H	NESE	11	110S	200E	UTU-73436	16009	Federal	OW	P
4304738380	LCU 6-3H	SENW	03	110S	200E	UTU-44090-A	15939	Federal	GW	DRL
4304738381	LCU 10-3H	NWSE	03	110S	200E	UTU-34350	16157	Federal	GW	DRL
4304738382	LCU 16-3H	SESE	03	110S	200E	UTU-34350	16105	Federal	GW	DRL
4304738991	LCU 2-6GX (RIGSKID)	NWNE	06	110S	210E	UTU-075700	15912	Federal	GW	P
4304739065	UTE TRIBAL 3-11H	NENW	11	110S	200E	14-20-H62-5611	16073	Indian	GW	DRL
4304739066	UTE TRIBAL 7-11H	SWNE	11	110S	200E	14-20-H62-5611	16044	Indian	GW	P
4304739067	UTE TRIBAL 8-11H	SENE	11	110S	200E	14-20-H62-5611	16045	Indian	GW	DRL

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

LITTLE CANYON UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304735613	LCU 12-36F	NWSW	36	100S	200E	ML-47391	14619	State	GW	P
4304735643	LCU 10-2H	NWSE	02	110S	200E	ML-48771	14630	State	GW	P
4304736611	LCU 13-2H	SWSW	02	110S	200E	ML-48771	15704	State	GW	P
4304736779	LCU 5-2H	NESW	02	110S	200E	ML-48771	99999	State	GW	DRL
4304736780	LCU 11-2H	NESW	02	110S	200E	ML-48771	99999	State	GW	DRL
4304736783	LCU 14-36F	SESW	36	100S	200E	ML-47391	14619	State	GW	P
4304737986	LCU 3-36F	NENW	36	100S	200E	ML-47391	16071	State	GW	DRL
4304737987	LCU 10-36F	NWSE	36	100S	200E	ML-47391	15911	State	GW	S
4304737988	LCU 8-36F	SENE	36	100S	200E	ML-47391	16030	State	GW	P
4304737989	LCU 13-36F	SWSW	36	100S	200E	ML-47391	14619	State	GW	P
4304737999	LCU 6-36F	SENE	36	100S	200E	ML-47391	16059	State	GW	S
4304738026	LCU 11-36F	NESW	36	100S	200E	ML-47391	14619	State	GW	P
4304738256	LCU 8-2H	SENE	02	110S	200E	ML-48771	99999	State	GW	DRL
4304738257	LCU 12-2H	NWSW	02	110S	200E	ML-48771	15750	State	GW	P
4304738258	LCU 7-2H	SWNE	02	110S	200E	ML-48771	15664	State	GW	P
4304738259	LCU 9-2H	SENE	02	110S	200E	ML-48771	99999	State	GW	DRL
4304738260	LCU 15-36F	SWSE	36	100S	200E	ML-47391	15893	State	GW	P



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

Dominion Exploration & Production, Inc.  
Attn: James D. Abercrombie  
14000 Quail Springs Parkway, #600  
Oklahoma City, OK 73134-2600

August 10, 2007

Re: Little Canyon Unit  
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the Little Canyon Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Little Canyon Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED  
AUG 16 2007  
DIV. OF OIL, GAS & MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: U-44089
2. NAME OF OPERATOR: XTO Energy, Inc	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: P.O. Box 1360 CITY Roosevelt STATE UT ZIP 84066	7. UNIT or CA AGREEMENT NAME: Little Canyon Unit
PHONE NUMBER: (435) 722-4521	8. WELL NAME and NUMBER: LCU 2-10H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 689' FNL & 1,951' FEL	9. API NUMBER: 4304736774
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 10 11S 20E	10. FIELD AND POOL, OR WILDCAT: Uintah County

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Install pump rods and pump unit</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy (Dominion) installed pump rods and a pump unit with natural gas engine at the referenced location on 6-8-07 as a dewatering process.

Rods: 6) 1 1/2" WT rods; 233) 3/4" SLK D; 123) 7/8" SLK D; Spacers: 1) 8' X 7/8", 1) 6' x7/8", 1) 4' X 7/8", 1) 2' X 7/8"  
Pump: 2" X 1 1/4" X 16' RHBC  
Pump Unit: LS C456-305-120  
Natural Gas Engine: 8 1/2 X 10 CMA 42 HP

NAME (PLEASE PRINT) <u>Ken Secret</u>	TITLE <u>Regulatory Coordinator</u>
SIGNATURE <u>Ken Secret</u>	DATE <u>2/21/2008</u>

(This space for State use only)

RECEIVED

FEB 25 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: XTO ENERGY INC. Operator Account Number: N 2615  
Address: 382 CR 3100  
city AZTEC  
state NM zip 87410 Phone Number: (505) 333-3100

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736773	LCU 6-16H		SENW	16	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	16848	14619 ✓	4/24/2008		<del>12/1/2006</del> 9/11/2008		
Comments: MVRD = WSMVD — 8/24/10							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736774	LCU 2-10H		NWNE	10	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	15330	14619 ✓	4/23/2006		12/1/2006 ✓		
Comments: MVRD = WSMVD — 8/24/10							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736775	LCU 7-3H		SWNE	3	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	15777	14619 ✓	11/6/2006		<del>12/1/2006</del> 1/12/2007		
Comments: MVRD = WSMVD — 8/24/10							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

BARBARA A. NICOL

Name (Please Print)

*Barbara A. Nicol*

Signature

REGULATORY COMP. TECH 8/18/2010

Title

Date

**RECEIVED**

AUG 23 2010

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-44089			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> LITTLE CANYON			
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>8. WELL NAME and NUMBER:</b> LCU 2-10H			
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155		<b>9. API NUMBER:</b> 43047367740000			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0689 FNL 1951 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 10 Township: 11.0S Range: 20.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> HILL CREEK			
<b>11.</b> CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH			
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/1/2013  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input type="text" value="OAP"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="OAP"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="OAP"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>XTO Energy Inc. intends to open additional pay in the Mesaverde formation per the attachment.</p> </div> <div style="width: 35%; text-align: right;"> <p><b>Accepted by the</b>  <b>Utah Division of</b>  <b>Oil, Gas and Mining</b></p> <p><b>Date:</b> May 23, 2013</p> <p><b>By:</b> <u><i>Dark Ount</i></u></p> </div> </div>					
<b>NAME (PLEASE PRINT)</b> Barbara Nicol		<b>PHONE NUMBER</b> 303-397-3736			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Compliance Tech  <b>DATE</b> 5/2/2013			

XTO plans to open additional pay in the Little Canyon Unit 2-10H with 2 stages as follows:

**Stage 1 – Open Additional Pay**

Down tubing

Top Perf: 8,091'

Bottom Perf: 8,400'

Formation: Mesaverde

Number of Holes: 28

Fluid Volume: 70,000 gallons

Sand Weight: 178,000 lbs

Plug Depth: 8,000'

**Stage 2 – Open Additional Pay**

Down tubing

Top Perf: 7,632'

Bottom Perf: 7,974'

Formation: Mesaverde

Number of Holes: 30

Fluid Volume: 81,400 gallons

Sand Weight: 213,750 lbs

**Contact Information:**

Hannah Franka, Operations Engineer (Denver) 303-397-3607 (office) 720-539-1663 (cell)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-44089
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> LITTLE CANYON
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501, Englewood, CO, 80155		<b>8. WELL NAME and NUMBER:</b> LCU 2-10H
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0689 FNL 1951 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 10 Township: 11.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047367740000
<b>9. FIELD and POOL or WILDCAT:</b> HILL CREEK		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/21/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
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	<input checked="" type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
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	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> APD EXTENSION	
	OTHER: <input type="text" value="PWOP"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
XTO Energy Inc. has opened additional pay in the MVRD per the following: Additional perfs are located at: Perf MV stage #1 intv fr/8091-92', 8126-27', 8139-41', 8291-93', 8306-08', 8337-39', 8355-57', & 8398-8400' and Perf MV stage #2 intv w/3-1/8 " Csg Gun. fr/7,632'-33', 7,655'-56', 7,674'-76', 7,696'-97', 7,708-09', 7,771'-72', 7,780'-82', 7,871'-72', 7,884'-86', 7,926'-27', 7,947'-48' & 7,973'-74'. The well was also put on a pumping unit. Please see the attached summary report for more info.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> September 05, 2013		
<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/28/2013	

## **Little Canyon Unit 02-10H**

**7/12/2013:** MIRU. Bd well. ND WH. NU BOP. FT BOP. LD tbg hgr. TOH w/ tbg and BHA. Rec BHBS & plngr in SN. TIH w/ bit, csg scr & tbg. TOH tbg. SWI. SDFWE.

**7/15/2013:** MIRU WL. RIH & set CBP @ 8,530'. POH WL. RIH Csg Gun. Perf MV stage #1 intv fr/8091-92', 8126-27', 8139-41', 8291-93', 8306-08', 8337-39', 8355-57', & 8398-8400'. RDMO WLU. TIH w/ pkr & frac strng. EOT 4,700'. SWI. SDFN.

**7/16/2013:** TIH w/ frac strng. Press tbg. Set pkr @ 8,010'. Fill tbg & estab inj rate w/rig pmp into MV stage #1 perfs fr/8,091' - 8,400' @ ½ bpm/4,000 psig. NU frac vlv on tbg. SWI. SDFN.

**7/17/2013:** WAIT ON FRAC EQUIPMENT SWI. SDFN.

**7/18/2013:** Surface csgn monitered during frac operations. TCA pumped on @ 1 bpm and 300 psig during frac operations. MIRU frac equip. Held safety mtg & PT all surface lines to 9,900 psig, held gd. Fill frac string w/19 bbls 2% KCL wtr & EIR. Pump 1,000 gals 15% HCL w/adds & 42 bio-balls. +750. Flsh w/100 bbls TFW. Fracd MV perfs fr/8,091' - 8,400' dwn tbg w/63,294 gls YF120 50Q N2 fld carrying 132,470 # white 20/40 sd, & 39,305 # SLC 20/40, Used 2.7 Msf N2. Flshd frac w/81 bbls gel wtr. Max DH sd conc 3.0 ppg. ISIP 3700 psig, 5" SIP 3675 psig. 10" SIP 3625 psig. BLWTR 1964 SWI 8 hrs. OWU 03:30 hrs 3600 psig on 16/64 ck.

**7/19/2013:** FTP 3200 psig on 18/64 ck. FTP 3200-475 psig 16/64 ck F 907 bls W , 0 bls O 796 mcf N2 75%

**7/20/2013:** FTP 475 psig on 18/64 ck. FTP 475-270 psig 18/64 ck F 55 bls W , 0 bls O 519 mcf N2 65%

**7/21/2013:** FTP 150 psig on 18/64 ck. FTP 270-150 psig 18/64 ck F 17bls W , 0 bls O, 134 mcf N2 40% Burnable gas @ midnight 7/21/2013.

**7/22/2013:** Rlsd pkr @ 8,010'. Ppd dwn tbg w/60 bbl's TFW, & KW. TOH w/ tbg & pkr. MIRU WL. RIH & set CBP @ 8,000'. Perf MV stage #2 intv w/3-1/8 " Csg Gun. fr/7,632'-33', 7,655'-56', 7,674'-76', 7,696'-97', 7,708-09', 7,771'-72', 7,780'-82', 7,871'-72', 7,884'-86', 7,926'-27', 7,947'-48' & 7,973'-74' w/2 JSPF. 2 gun runs. RDMO WLU. TIH w/ pkr w/glass disc on btm., frac strng & tbg sub. Set pkr @ 7,349' EOT. SWI. SDFN.

**7/23/2013:** Pkr is set @ 7,349'. Ppd 64 bbls TFW & fill tbg. PT HD pkr, frac strng & tbg sub to 4,800 psig. Estab inj rate w/rig pmp into MV stage #2 perfs fr/7,632' - 7,974' @ 2 bpm/3,800 psig. SWI. SDFN.

**7/24/2013:** TCA pumped on @ 1 bpm and 300 psig during frac operations. MIRU frac equip. Held safety mtg & PT all surface lines to 9,900 psig, held gd. Fill frac string w/2 bbls 2% KCL wtr & EIR. Spearhead 1,000 gals 7.5% HCL w/adds. Fracd MV perfs fr/7,632-7,974' dwn tbg w/72,240 gls YF120 50Q N2 fld carrying 172,477 # white 20/40 sd, & 46,363 # SLC 20/40, Used 3.5 Msf N2. Flshd frac w/80 bbls gel wtr. Max DH sd conc 3.3 ppg. ISIP 3515 psig, 5" SIP 3500 psig. 10" SIP 33491 psig. BLWTR 1925 SWI 8 hrs. OWU 03:30 hrs 2850 psig. FTP 2850-3,000 psig, 18/64 chk. F150 bls W, 0 bls O, returns of N2, water.

**7/25/2013:** FTP 3,250 psig on 18/64 ck. FTP 3200- 500 psig 16-20/64 ck F 776 bls W , 0 bls O 548 mcf N2 85%

**7/26/2013:** Rlsd pkr @ 7,349'. Ppd dwn tbg w/50 bbl's TFW & KW. TOH w/ tbg & pkr. TIH w/ bit & tbg. EOT 7,233'. SWI. SDWE.

**7/29/2013:** RU pwr swvl & rig pmp. Stg in hole w/ tbg. DO 2 12K CBP @ 8,000' & 8,530'. Well died. RU AFU. CO fill fr/9,121' to 9,157' (Unable to CO deeper due to hd fill. Possible BRS & bit abv sd fill). Circ well cln for 1hr. RD AFU. LD tbg. TOH w/ tbg. EOT 3,064'. SDFN. Turn well over to flow tstr. FCP 250 psig on 18/64 ck. FCP 500-250 psig 18/64 ck F 665 bls W, 0 bls O .252 mcf N2 5%.

**7/30/2013:** TOH w/ tbg. LD BRS & bit. TIH BHA & tbg. LD tbg. Broached all tbg. Ld tbg w/donut tbg hgr, SN @ 7,999'. EOT @ 8,000'. ND BOP. NU WH. RU swab tls. BFL @ 1,400' FS. 0 BO, 64 BLW, 13 runs, 5 hrs FFL @ scatd. SICP 875 psig, rets of cln wtr. 687 blwtr. RD swb tls. SWI. RDMO. WOSU Suspend reports till further activity.

**7/31/2013:** MIRU SWU. BD tbg to prod tk. RU swb tls & RIH. Swab. SWI & SDFN.

**8/1/2013:** RU swb tls & RIH. Swab. SWI & SDFN.

**8/2/2013:** RU swb tls & RIH. Swab. SWI & SDFN.

**8/3/2013:** RU swb tls & RIH. Swab. SWI & SDFWE.

**8/5/2013:** RU swb tls & RIH. Swab. SWI & SDFN.

**8/9/2013:** RU JDC fishing tls & RIH. Tgd @ SN. POH. Rec PCS dual pad plngr. RU swb tls & RIH. Swab. SWI & SDFWE.

**8/19/2013:** Automation electricians disconnected WH. MIRU. ND WH. NU & FT BOP. PU tbg, tag 5' new fill @ 9,150' (PBTD @ 9,201'). LD tbg. TOH tbg, SN w/MC. SWI & SDFN.

**8/20/2013:** TIH w/BHA & tbg broach. TIH w/rods & pump. PU & loaded new 2" x 1-1/4" x 16' x 19' pmp w/1-1/4" x 8' GA. TIH w/pmp, 1 - 7/8" x 3' rod stabilizer sub, 26 K shear tl, 1 - 7/8" x 3' rod stabilizer sub, 9 - 1-1/4" APIK sbs, 124 - 3/4 guided ( 5 per) gr 'N-96', 23-3/4" N-96 slick skr d & 26' x 1.25" PR w/1.5" x 16' SM Inr. SWI & SDFN.

**8/21/2013 :** Con't TIH w/177-3/4" N-96 slick skr d, 29-7/8" N-96 slick skr d. Dmpd 15 gal Corr lhb & flshd w/20 bls TFW. Con't TIH w/26' x 1.25" PR w/1.5" x 16' SM Inr. Fin equip RA pmp, stabilizer, shear tl, stabilizer, 9 sbs, 124 3/4", 200 3/4", 29-7/8" & PR w/Inr. Seated pmp & SWO. Fill tbg w/6 bls TFW & PT tbg to 500 psig. LS pmp/tbg to 1500 psig w/rig, GPA. HWO. Automation electricians reconnected WH. RWTP SL 120" x 3 SPM. RDMO.

=====Little Canyon Unit 02-10H=====

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-44089
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> LITTLE CANYON
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501, Englewood, CO, 80155		<b>8. WELL NAME and NUMBER:</b> LCU 2-10H
<b>PHONE NUMBER:</b> 303 397-3727 Ext		<b>9. API NUMBER:</b> 43047367740000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0689 FNL 1951 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 10 Township: 11.0S Range: 20.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> HILL CREEK
		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 11/1/2016	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:		
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> XTO Energy intends to temporarily abandon the LCU 2-10H due to low gas prices and hold the wellbore for possible future wellbore utility, such as OAP or SWD conversion. The TA procedure is attached as well as the current wellbore diagram.		
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> <u>October 03, 2016</u> <b>By:</b> <u>Derek Duff</u>		
<b>NAME (PLEASE PRINT)</b> Rhonda Smith		<b>PHONE NUMBER</b> 505 333-3215
<b>TITLE</b> Regulatory Clerk		
<b>SIGNATURE</b> N/A		<b>DATE</b> 9/28/2016



XTO Energy intends to temporarily abandon the LCU 2-10H due to low gas prices and hold the wellbore for possible future wellbore utility, such as OAP or SWD conversion. The TA procedure is as follows:

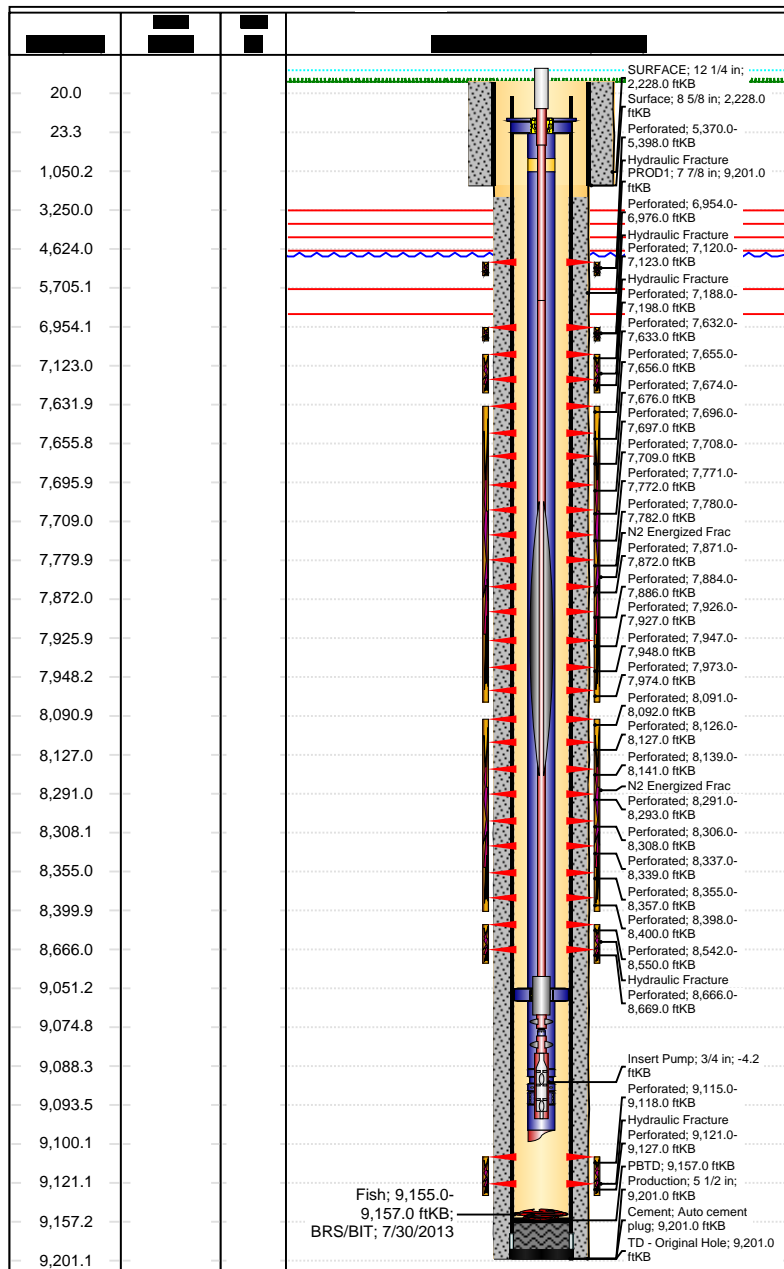
1. MIRU rig. TOH w/ pump and rods.
2. TOH w/ tbg & BHA. Make bit & scraper run to +/- 6,950'. Ensure csg is filled w/ fluid to this depth.
3. PU CICR, TIH and set @ +/-6930' Circulate tbg with fluid above CICR and ensure csg filled to surface.
4. Sting into CICR, mix and pump 50' Class G cement below CICR. Sting out and spot 100' cement on top of CICR.
5. PU EOT above cement and reverse circulate 1.5X's volume.
6. TOH w/ tbg.
7. PU & TIH with CICR, set @ +/- 5350' (top Wasatch perf @ +/-5,370')
8. Sting into CR, mix and pump 50' Class G cement below CR. Sting out and spot 100' cement on top of CR.
9. PU EOT above cement and reverse circulate 1.5X's volume.
10. TOH w/ tbg.
11. Perform MIT test protocol. RDMO rig.



## Downhole Well Profile - with Schematic

Well Name: Little Canyon Unit 02-10H

API/UWI 43047367740000	Accounting ID 162374	Permit Number	State/Province Utah	County Uintah
Location T11S-R20E-S10	Spud Date 4/23/2006 00:00	Original KB Elevation (ft) 5,110.00	Ground/Corrected Ground Elevation (ft) 5,092.00	KB-Ground Distance (ft) 18.00



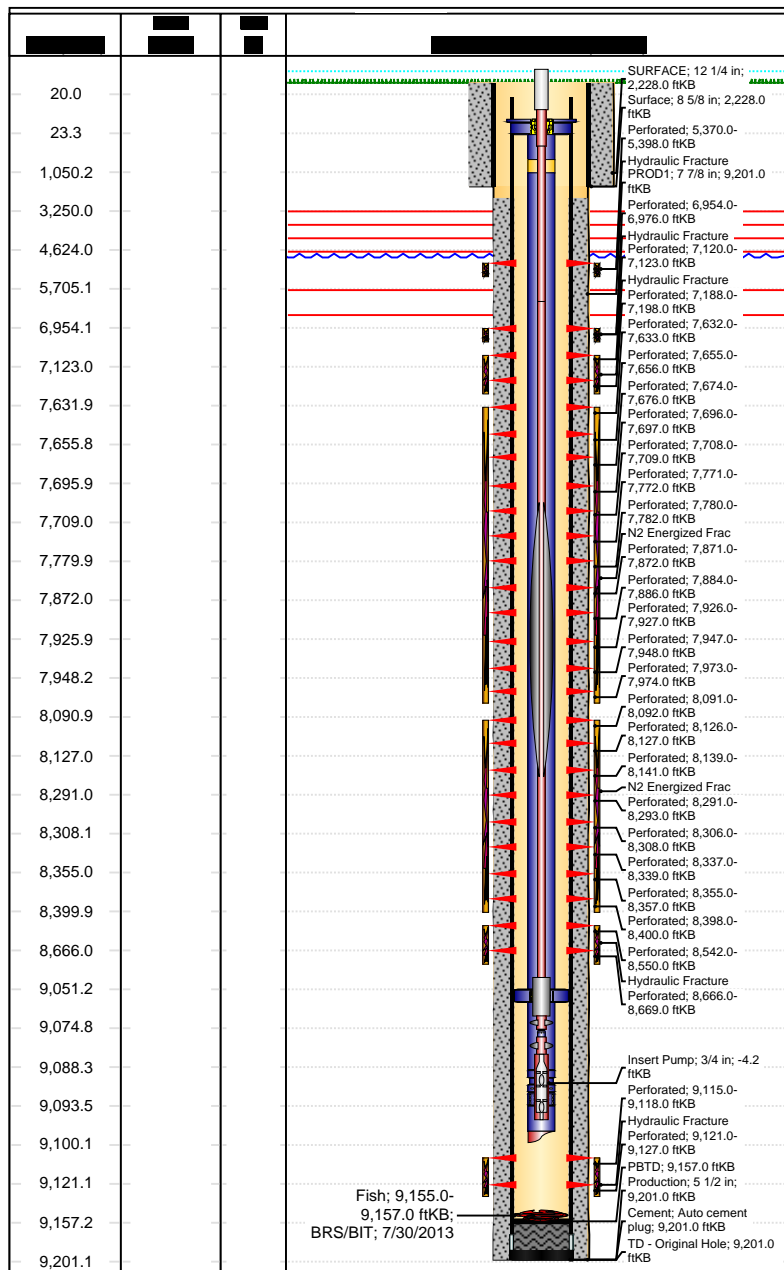
Wellbores							
Wellbore Name		Parent Wellbore			Wellbore API/UWI		
Original Hole		Original Hole			43047367740000		
Start Depth (ftKB)		Profile Type			Kick Off Depth (MD) (ftKB)		
Section Des		Size (in)		Act Top (ftKB)		Act Btm (ftKB)	
SURFACE		12 1/4		18.0		2,228.0	
PROD1		7 7/8		2,228.0		9,201.0	
Zones							
Zone Name		Top (ftKB)		Btm (ftKB)		Current Status	
Wasatch		5,370.0		5,398.0			
Mesaverde		6,954.0		9,127.0			
Casing Strings							
Csg Des		Set Depth (ftKB)		OD (in)		Wt/Len (lb/ft)	
Surface		2,228.0		8 5/8		32.00	
Production		9,201.0		5 1/2		17.00	
Cement							
Des		Type			String		
Production Casing Cement		Casing			Production, 9,201.0ftKB		
Surface Casing Cement		Casing			Surface, 2,228.0ftKB		
Tubing Strings							
Tubing Description			Run Date			Set Depth (ftKB)	
Tubing - Production			8/19/2013			9,100.0	
Item Des		OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)
Tubing Hanger		6				0.72	22.6
Tubing		2 3/8	4.70	N-80	33	1,023.00	23.3
Tubing Sub		2 3/8	4.70	L-80		4.00	1,046.3
Tubing		2 3/8	4.70	J-55	256	8,001.00	1,050.3
5-1/2" x 2-3/8" Tbg Anchor Catcher		4 3/4				4.10	9,051.3
Tubing		2 3/8	4.70	J-55	1	33.00	9,055.4
Pump Seating Nipple		2 3/8		N-80		1.10	9,088.4
Perforated Sub		2 3/8				4.00	9,089.5
Tubing		2 3/8	4.70	N-80		6.10	9,093.5
Mule Shoe		2 3/8		N-80		0.40	9,099.6
Rod Strings							
Rod Description			Run Date			Set Depth (ftKB)	
Insert Pump			8/21/2013			9,089.0	
Item Des		OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)
Polished Rod		1 1/4				26.00	-4.2
Sucker Rod		7/8		96	29	725.00	21.8
Sucker Rod		3/4		96	200	5,000.00	746.8
Sucker Rod w/Molded Guides		3/4		96	124	3,100.00	5,746.8
Sinker Bar		1 1/2		C	9	225.00	8,846.8



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Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Stabilizer Rod	7/8		D		3.00	9,071.8	9,074.8
Shear Tool - 21K	3/4				0.20	9,074.8	9,075.0
Stabilizer Rod	7/8		D		3.00	9,075.0	9,078.0
Rod Insert Pump	1 1/4				19.00	9,078.0	9,097.0
Gas Anchor	1				-8.00	9,097.0	9,089.0

Other In Hole				
Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
7/30/2013	Fish	4 3/4	9,155.0	9,157.0

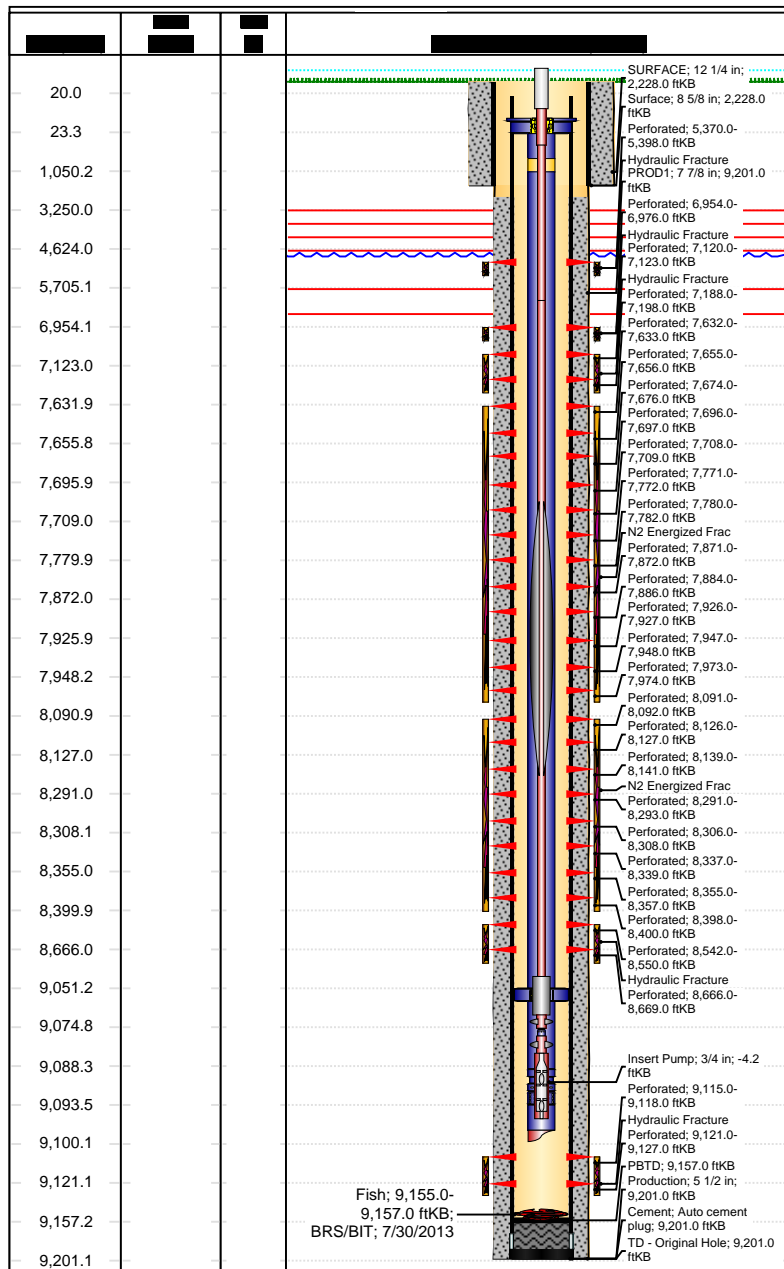
Perforations			
Date	Top (ftKB)	Btm (ftKB)	Zone
5/12/2008	5,370.0	5,398.0	Wasatch, Original Hole
6/13/2006	6,954.0	6,976.0	Mesaverde, Original Hole
6/13/2006	7,120.0	7,123.0	Mesaverde, Original Hole
6/13/2006	7,188.0	7,198.0	Mesaverde, Original Hole
7/22/2013	7,632.0	7,633.0	Mesaverde, Original Hole
7/22/2013	7,655.0	7,656.0	Mesaverde, Original Hole
7/22/2013	7,674.0	7,676.0	Mesaverde, Original Hole
7/22/2013	7,696.0	7,697.0	Mesaverde, Original Hole
7/22/2013	7,708.0	7,709.0	Mesaverde, Original Hole
7/22/2013	7,771.0	7,772.0	Mesaverde, Original Hole
7/22/2013	7,780.0	7,782.0	Mesaverde, Original Hole
7/22/2013	7,871.0	7,872.0	Mesaverde, Original Hole
7/22/2013	7,884.0	7,886.0	Mesaverde, Original Hole
7/22/2013	7,926.0	7,927.0	Mesaverde, Original Hole
7/22/2013	7,947.0	7,948.0	Mesaverde, Original Hole
7/22/2013	7,973.0	7,974.0	Mesaverde, Original Hole
7/15/2013	8,091.0	8,092.0	Mesaverde, Original Hole
7/15/2013	8,126.0	8,127.0	Mesaverde, Original Hole
7/15/2013	8,139.0	8,141.0	Mesaverde, Original Hole
7/15/2013	8,291.0	8,293.0	Mesaverde, Original Hole
7/15/2013	8,306.0	8,308.0	Mesaverde, Original Hole
7/15/2013	8,337.0	8,339.0	Mesaverde, Original Hole
7/15/2013	8,355.0	8,357.0	Mesaverde, Original Hole
7/15/2013	8,398.0	8,400.0	Mesaverde, Original Hole
6/13/2006	8,542.0	8,550.0	Mesaverde, Original Hole
6/13/2006	8,666.0	8,669.0	Mesaverde, Original Hole
6/9/2006	9,115.0	9,118.0	Mesaverde, Original Hole
6/9/2006	9,121.0	9,127.0	Mesaverde, Original Hole



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## Stimulations &amp; Treatments

Frac #	Top Perf (ftKB)	Bottom Perf (ftKB)	AIR (bbl/min)	MIR (bbl/min)	TWP (bbl)	Total Proppant (lb)
1.00	8091	8400	26.0	30.00	1,964.0	171,775.0
2.00	7632	7974	28.0	32.00	1,925.0	218,840.0